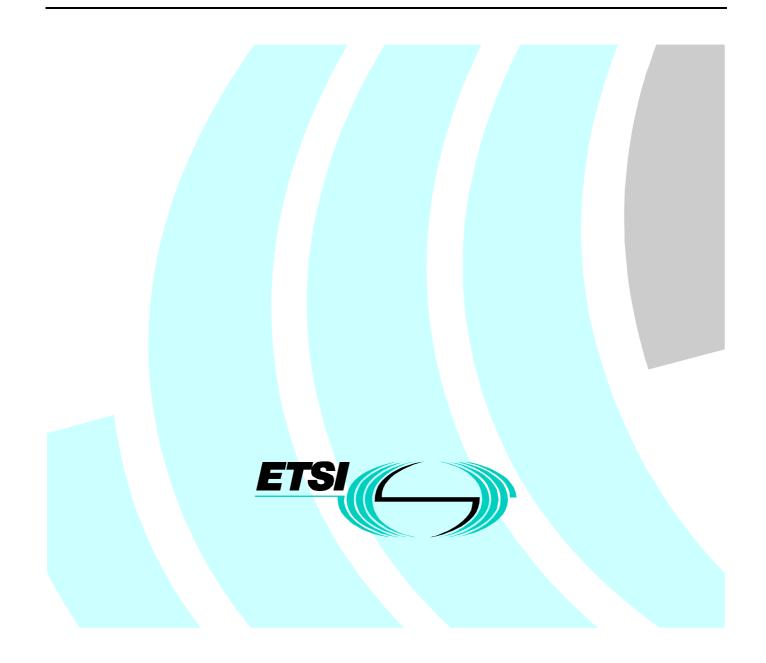
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Special Report

Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards



Reference RSR/IPRC-00004

> Keywords IPR

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Foreword

This Special Report (SR) has been produced by ETSI on the basis of the ETSI IPR Policy, annex 6 of the ETSI Rules of Procedure. The ETSI IPR Policy can be found at <u>http://www.etsi.org/directives/Directives.htm#RoP</u>.

The present document identifies, patents and patent applications which have been notified to ETSI as being Essential, or Potentially Essential, to ETSI Standards.

The present document has been prepared on the basis of information received. ETSI has not checked the validity of the information, nor the relevance of the identified patents/patent applications to the ETSI Standards and cannot confirm, or deny, that the patents/patent applications are, in fact, Essential, or potentially Essential. No investigation, or IPR searches, have been carried out by ETSI and therefore no guarantee can be given concerning the existence of other IPRs which are, or may become, Essential.

It should also be noted that whilst ETSI members are not obliged to conduct IPR searches they are obliged to make reasonable efforts to inform ETSI of any Essential IPRs of which they become aware (see Article 4 of the ETSI IPR Policy).

The present document will be maintained by the ETSI Secretariat and further editions will be issued as, and when, necessary. Any errors in the information contained in the present document, or any additional information concerning Essential IPRs, of which readers of the present document become aware, should be notified to the ETSI Secretariat.

NOTE: The present document is also available at http://www.etsi.org/IPR.

1 Scope

The present document identifies IPRs, particularly patents and patent applications, which have been notified to ETSI as being Essential, or potentially Essential, to ETSI Standards.

Unless otherwise specified, all IPRs included into the present database have been notified to ETSI, with an undertaking from the owner to grant licences according to the terms and conditions of article 6.1 of the ETSI IPR Policy, annex 6 of the ETSI Rules of Procedure. The ETSI IPR Policy can be found at http://www.etsi.org/directives/Directives.htm

2 Definitions and abbreviations

2.1 Definitions

The terms "ESSENTIAL", "IPR" and "STANDARD" given below are defined in the "Definitions" annex of the ETSI IPR Policy.

ESSENTIAL: as applied to IPR means that it is not possible on technical (but not commercial) grounds, taking into account normal technical practice and the state of the art generally available at the time of standardization, to make, sell, lease, otherwise dispose of, repair, use or operate EQUIPMENT or METHODS which comply with a STANDARD without infringing that IPR

For the avoidance of doubt in exceptional cases where a STANDARD can only be implemented by technical solutions, all of which are infringements of IPRs, all such IPRs shall be considered ESSENTIAL.

NOTE: In practical terms, the existence of an Essential IPR makes it necessary to have a licence in order to exploit the standard concerned.

IPR: shall mean any intellectual property right conferred by statute law including applications therefore other than trademarks

For the avoidance of doubt rights relating to get-up, confidential information, trade secrets or the like are excluded from the definition of IPR.

STANDARD: shall mean any standard adopted by ETSI including options therein or amended versions and shall include European Standards (ENs) (telecommunications series), ETSI Standards (ESs), Common Technical Regulations (CTRs) which are taken from ENs (telecommunications series) and including drafts of any of the foregoing, and documents made under the previous nomenclature, including ETSs, I-ETSs, parts of NETs and TBRs, the technical specifications of which are available to all MEMBERS, but not including any standards, or parts thereof, not made by ETSI

The date on which a STANDARD is considered to be adopted by ETSI for the purposes of this POLICY shall be the date on which the technical specification of that STANDARD was available to all MEMBERS.

The following definitions also apply:

notified: means any IPR information of which ETSI has been formally notified by the owner of the IPR or, any IPR information of which ETSI has become aware, pursuant to the IPR Policy

IPR licensing declaration: this is a declaration to the effect that the IPR owner declares that he is prepared to grant licences on fair, reasonable and non-discriminatory terms, in accordance with article 6.1 of the ETSI IPR Policy

3GPP standards: all standards issued by ETSI in relation to 3rd Generation Partnership Project (3GPP) http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=369&TB_NAME=3GPP

BRAN standards: all standards issued by ETSI Project Broadband Radio Access Networks (BRAN) http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=287&TB_NAME=BRAN

DAB standards: all standards issued by ETSI in relation to Digital Audio Broadcasting (DAB) http://www.etsi.org/broadcast/dab.htm

DCS 1800 standards: all standards issued by ETSI in relation to European Cellular Digital - Global System for Mobile Communication - DCS 1800 extensions

 $\underline{http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=369\&TB_NAME=3GPP$

DECT standards: all standards issued by ETSI in relation to Digital European Cordless Telephone (DECT), also known as Digital Enhanced Cordless Telephone (DECT) http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=19&TB_NAME=DECT

DTM standards: all standards issued by ETSI in relation to Dynamic Transfer Mode (DTM) <u>http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=437&TB_NAME=SPAN</u>

DVB standards: all standards issued by ETSI in relation to Digital Video Broadcasting (DVB) <u>http://www.etsi.org/broadcast/dvb.htm</u>

DECT/GSM interworking standards: all standards issued by ETSI in relation to interworking between DECT and GSM

ERMES standards: all standards issued by ETSI in relation to European Radio Messaging System (ERMES) <u>http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=286&TB_NAME=ERM</u>

GPRS standards: all standards issued by ETSI in relation to General Packet Radio Service (GPRS) <u>http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=369&TB_NAME=3GPP</u>

GSM standards: all standards issued by ETSI in relation to European Cellular Digital - Global System for Mobile Communication (GSM) <u>http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=369&TB_NAME=3GPP</u>

HDSL standards: all standards issued by ETSI in relation to High bit rate Digital Subscriber Line (HDSL) <u>http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=221&TB_NAME=TM</u>

HIPERLAN standards: all standards issued by ETSI in relation to High Performance Radio Local Area Network (HIPERLAN) <u>http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=287&TB_NAME=BRAN</u>

ISDN standards: all standards issued by ETSI in relation to Integrated Services Digital Network (ISDN) http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=437&TB_NAME=SPAN

Lawful Interception (LI) standards: all standards issued by ETSI in relation to Security Lawful Interception (SEC LI) http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=503&TB_NAME=SEC+LI

PSTN standards: all standards issued by ETSI in relation to Public Switched Telephone Network (PSTN) http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=516&TB_NAME=AT

SDSL standards: all standards issued by ETSI in relation to Symmetrical Digital Subscriber Line (SDSL) <u>http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=221&TB_NAME=TM</u>

STAG standards: all standards issued by ETSI in relation to Security Techniques Advisory Group (STAG) <u>http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=161&TB_NAME=SEC</u>

Television systems standards: all standards issued by ETSI in relation to TV broadcasting systems http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=92&TB_NAME=BROADCAST

TETRA standards: all standards issued by ETSI in relation to Trans-European Trunked Radio (TETRA) http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=218&TB_NAME=TETRA

TFTS standards: all standards issued by ETSI in relation to Terrestrial Flight Telecommunication System (TFTS) <u>http://webapp.etsi.org/TBHomepage/TBDetails.asp?TB_ID=286&TB_NAME=ERM</u>

TIPHON standards: all standards issued by ETSI in relation to Telecommunications And Internet Protocol Harmonization Over Networks (TIPHON) http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=291&TB_NAME=TIPHON

UMTS standards: all standards issued by ETSI in relation to Universal Mobile Telecommunications System (UMTS) http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=369&TB_NAME=3GPP

VDSL standards: all standards issued by ETSI in relation to Very high speed Digital Subscriber Line (VDSL) http://webapp.etsi.org/tbhomepage/TBDetails.asp?TB_ID=221&TB_NAME=TM

2.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

AD	Andorra
AE	United Arab Emirates
AF	Afghanistan
	-
AG AI	Antigua and Barbuda
	Anguilla
AL	Albania
AM	Armenia
AN	Netherlands Antilles
AO	Angola
AQ	Antartica
AR	Argentina
ARIPO	African Regional Intellectual Property Organization
AS	American Samoa
AT	Austria
AU	Australia
AW	Aruba
AZ	Azerbaijan
BA	Bosnia and Herzegovina
BB	Barbados
BD	Bangladesh
BE	Belgium
BF	Burkina Faso
BG	Bulgaria
BH	Bahrain
BI	
	Burundi
BJ	Benin
BM	Bermuda Branci Democratica
BN	Brunei Darussalam Bolivia
BO	
BR	Brazil
BS	Bahamas
BT	Bhutan
BV	Bouvet Island
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CC	Cocos (Keeling) Islands
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	Côte d'Ivoire
CK	Cook Islands
CL	Chile
СМ	Cameroon
CN	China
СО	Colombia
CR	Costa Rica
CU	Cuba
CV	Cape Verde
CX	Christmas Island
CY	Cyprus
CZ	Czech Republic
DE	Germany
DL DJ	Djibouti
DJ	Denmark
DK DM	Dominica
D111	Dominica

DO	Dominican Republic
DZ	Algeria
EC	Ecuador
EE	Estonia
EG	Egypt
EH	Western Sahara
EPC	European Patent Convention
EPO	European Patent Office
ER	Eritrea
ES	Spain
ET	Ethiopia
EU	European Union
FI	Finland
FJ	Fiji
FK	Falkland Islands (Malvinas)
FM	Micronesia (Feder. States Of)
FO	Faroe Islands
FR	France
FX	France, Metropolitan
GA	Gabon
GB	United Kingdom
GD	Grenada
GE	Georgia
GF	French Guiana
GH	Ghana
GI	Gibraltar
GL	Greenland
GM	Gambia
GN	Guinea
GP	Guadeloupe
GQ	Equatorial Guinea
GR	Greece
GS	So. Georgia And So. Sandwich
GT	Guatemala
GU	Guam
GW	Guinea-Bissau
GY	Guyana
HK	Hong Kong
HM	Heard And Mcdonald Islands
HN	Honduras
HR	Croatia
HT	Haiti
HU	Hungary
ID	Indonesia
IE	Ireland
IL	Israel
IN	India
IO	British Indian Ocean Territory
IPC	International Patent Convention
IQ	Iraq
IR	Iran (Islamic Republic Of)
IS	Iceland
IT	Italy
JM	Jamaica
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KH	Cambodia
KI	Kiribati
KM	Comoros
KN	Saint Kitts And Nevis

KP	Korea, Dem. People's Rep. Of
KR	Korea, Republic Of
KW	Kuwait
KY	Cayman Islands
KZ	Kazakhstan
LA	Lao People's Dem. Rep.
LB	Lebanon
LC	Saint Lucia
LI	Liechtenstein
LK	Sri Lanka
LR	Liberia
LS	Lesotho
LS	Lithuania
LU	
	Luxembourg
LV	Latvia
LY	Libyan Arab Jamahiriya
MA	Morocco
MC	Monaco
MD	Moldova, Republic Of
MG	Madagascar
MH	Marshall Islands
MK	Macedonia
ML	Mali
MM	Myanmar
MN	Mongolia
MO	Macau
MP	Northern Mariana Islands
MQ	Martinique
MR	Mauritania
MS	Montserrat
MT	Malta
MU	Mauritius
MV	Maldives
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NC	New Caledonia
NE	Niger
NF	Norfolk Island
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NP	Nepal
NR	Nauru
NU	Niue
NZ	New Zealand
OM	Oman
PA	
	Panama Potent Co. en enting Treater
PCT	Patent Co-operation Treaty
PE	Peru
PF	French Polynesia
PG	Papua New Guinea
PH	Philippines
PK	Pakistan
PL	Poland
PM	Saint Pierre Et Miquelon
PN	Pitcairn
PR	Puerto Rico
РТ	Portugal
	~

PW	Palau
PY	Paraguay
QA	Qatar
RE	Réunion
RO	Romania
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia
SB	Solomon Islands
SC	Seychelles
SD	Sudan
SE	Sweden
SG	Singapore
SH	Saint Helena
SI	Slovenia
SJ	Svalbard And Jan Mayen
SK	Slovakia
SL	Sierra Leone
SM	San Marino
SN	
10 - 1	Senegal
SO	Somalia
SR	Suriname
ST	Sao Tome And Principe
SV	El Salvador
SY	Syrian Arab Republic
	•
SZ	Swaziland
TC	Turks And Caicos Islands
TD	Chad
TF	French Southern Territories
TG	Togo
TH	Thailand
TJ	Tajikistan
ТК	Tokelau
TM	Turkmenistan
TN	Tunisia
ТО	Tonga
-	-
TP	East Timor
TR	Turkey
TT	Trinidad And Tobago
TV	Tuvalu
TW	Taiwan, Province Of China
TZ	Tanzania, United Republic Of
	-
UA	Ukraine
UG	Uganda
UM	U.S. Minor Outlying Islands
US	United States
UY	Uruguay
UZ	Uzbekistan
VA	Vatican City State
VC	Saint Vincent And Grenadines
VE	Venezuela
VG	Virgin Islands (British)
VI	Virgin Islands (U.S.)
VN	Viet Nam
VU	Vanuatu
WF	Wallis And Futuna Islands
WS	Samoa
YE	Yemen
YT	Mayotte
YU	Yugoslavia
ZA	South Africa
ZM	Zambia

ZR Zaire ZW Zimbabwe

3 Notified IPRs

ETSI has not undertaken any patent family searches in respect of the identified patents/patent applications. It should be assumed that, if any other corresponding patents, or patent applications exist, which are not listed in the present document, then licences in respect of such rights will not be covered by the Licensing Declarations.

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The Licensing Declarations given for the IPRs listed in the present document may be made subject to the condition that those who seek licences agree to reciprocate.

3.1 Notifications

Essential, or potentially Essential, IPRs in respect of which a Notification followed by a Licensing Declaration has been given by the IPR owner and for which licences are available on fair, reasonable and non-discriminatory terms, in accordance with article 6.1 of the ETSI IPR Policy, annex 6 of the ETSI Rules of Procedure. The ETSI IPR Policy can be found at http://www.etsi.org/directives/Directives.htm#RoP.

NOTE: IPR Information statement and Licensing declaration forms can be found at http://www.etsi.org/ipr.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	CCL/ITRI 3GPP A Code Management System and Method for CDMA Communication Networks TW 88104305 TW 125 322 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Mitsubishi Electric Corporation 3GPP Data Conversion Apparatus and Data Conversion Method JP PCT/JP96/02154 AU, CA, CN, JP, KR, NO, SG, US, BE, CH, DE, DK, ES, FI, FR, GB, IT, NL, SE This declaration (the DECLARATION) is given this 8th day of October 1999, by Suketaka Tachibana, General Manager, Corporate Licensing Department (the SIGNATORY), of Mitsubishi Electric Corporation to the EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE of Sophia Antipolis France (ETSI). The SIGNATORY has notified ETSI that it is the proprietor of the IPRs listed in Appendix A and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed in Appendix A (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. The construction, validity and performance of this DECLARATION shall be governed by the laws of France.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	CCL/ITRI 3GPP Data Transfer Method for Real Time Communications TW 09/116,681 US 125 322 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Wi-Lan Inc. 3GPP Multicode Direct Sequence Spread Spectrum CA 186,784 5,555,268 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	CCL/ITRI 3GPP A Code Management System and Method for CDMA Communication Networks TW 09/234,871 US 125 322 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	CCL/ITRI 3GPP Data Transfer Method for Real-Time Communications TW 09/116,681 US 125 922 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	CCL/ITRI 3GPP Data Transfer Method for Real-Time Communications TW 87103172 106088 TW 125 922 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	CCL/ITRI 3GPP A Code Management System and Method for CDMA Communication Networks TW 09/234,871 TW 125 922 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	CCL/ITRI 3GPP A Code Management System and Method for CDMA Communication Networks TW 88104305 US 125 922 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	CCL/ITRI
Project:	3GPP
Title:	Data Transfer Method for Real Time Communications
Country of registration:	TW
Application no.:	87103172
Patent no.:	106088
Countries applicable:	TW
ETSI Deliverable:	125 322
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.

3GPP/AMR-WB

Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Dynamic codebook for efficient speech coding based on algebraic codes US 927528 5444816 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	98106901.0 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Method for decreasing the frame error rate in data transmission in the form of data frames FI 971484 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Method for decreasing the frame error rate in data transmission in the form of data frames DE 19815597.2 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Method for decreasing the frame error rate in data transmission in the form of data frames FR 9804479 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	9807608.6 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Method for decreasing the frame error rate in data transmission in the form of data frames IN 759/MAS/98 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech GB 9602391,6 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Speech synthesizer employing post-processing for enhancing the quality of the synthesized speech US 662991 5946651 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech FR 9601426 2730336 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech
Country of registration: Application no.: ETSI Deliverable:	973241 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	98101107 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Nokia Corporation 3GPP/AMR-WB Dynamic codebook for efficient speech coding based on algebraic codes EPO 90915956,8

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Speech synthesizer employing post-processing for enhancing the quality of the synthesized speech ES P9750009 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	35615 4969192 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Vector adaptative predictive coder for speech and audio CA 1336454 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Vector adaptative predictive coder for speech and audio EPO 92108904,1 503684 DE, FR, GB, IT 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Vector adaptative predictive coder for speech and audio JP 84973/1988 2887286 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	2010830 2010930 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Speech synthesizer employing post-processing for enhancing the quality of the synthesized speech AU 62309/96 714742 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech JP 523852/96 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech KR 705372 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	
Project: Title:	3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech
Country of registration: Application no.:	MX 975997
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Draiaat	
Project: Title:	3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech
Title: Country of registration:	Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech MY
Title:	Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech
Title: Country of registration: Application no.:	Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech MY PI9600300 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Title: Country of registration: Application no.: ETSI Deliverable: Notes: Company name:	Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech MY PI9600300 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Title: Country of registration: Application no.: ETSI Deliverable: Notes: Company name: Project:	Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech MY PI9600300 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Title: Country of registration: Application no.: ETSI Deliverable: Notes: Company name:	Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech MY PI9600300 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech NO 973472
Title: Country of registration: Application no.: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.:	Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech MY PI9600300 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech NO

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech RU 97114804 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation 3GPP/AMR-WB
Title: Country of registration:	Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech
Application no.:	9650025
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation 3GPP/AMR-WB
Title:	Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech
Country of registration: Application no.:	SE 9600437-9
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y;
	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech

Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Speech synthesizer employing post-processing for enhancing the quality of the synthesized speech GB 9512284,2 714752 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	Nokia Corporation 3GPP/AMR-WB Speech synthesizer employing post-processing for enhancing the quality of the synthesized speech
Country of registration:	
Application no.:	9-502809
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	3GPP/AMR-WB
Title:	Speech synthesizer employing post-processing for enhancing the quality of the synthesized speech
Country of registration:	
Application no.: ETSI Deliverable:	9608479-0 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	3GPP/AMR-WB
Title:	Speech synthesizer employing post-processing for enhancing the quality of the synthesized
Country of registration: Application no.: ETSI Deliverable:	speech CA 2224688 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Speech synthesizer employing post-processing for enhancing the quality of the synthesized speech CN 96196226,7 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	3GPP/AMR-WB Speech synthesizer employing post-processing for enhancing the quality of the synthesized
	speech
Country of registration: Application no.:	EPO 96920925.3
Countries applicable:	AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech
Country of registration:	
Application no.:	47811/96
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation 3GPP/AMR-WB
Project: Title:	Speech synthesizer employing post-processing for enhancing the quality of the synthesized
	speech
Country of registration: Application no.: ETSI Deliverable:	IN 1054/MAS/96 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech IT UD96A000012 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	98101406,9 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	96/0852 96/0852 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech CA 2210765 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech AR P960101681 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Method for decreasing the frame error rate in data transmission in the form of data frames JP 10-098937 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech US 509525 5701392 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech MX 97/06885 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech MY PI9600844 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech RU 97116484 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	508801 5754976 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	335305 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Method for decreasing the frame error rate in data transmission in the form of data frames PCT FI9800237 AU, CH, ES, KR 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech BR 9607026,9 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Method for decreasing the frame error rate in data transmission in the form of data frames US 09/057680 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech CN 96193095 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech DE 19604273,9 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast coding of speech EPO 96900816,8 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	VoiceAge Corp. 3GPP/AMR-WB A Method for Indexing Pulse Positions and Signs in Algebraic Codebooks for Efficient Coding
Country of registration:	of Wideband Signals
Application no.:	2,327,041
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above mentioned IPR and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the
	Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. VoiceAge has stated to ETSI that licensing inquiries should be sent to: VoiceAge Corp., 750 Chemin Lucerne, Suite 250, Town of Mount-Royal, Québec H3R 2H6 Canada, to the attention of Mrs. Hélène JAY, IPR and Licensing Business Development. Phone: +1 (514) 737-4940 / Fax: +1 (514) 908-2037 / http://www.voiceage.com.
Company name:	VoiceAge Corp.
Project: Title:	3GPP/AMR-WB Gain-smoothing Amplifier Device and Method in Codecs for Wideband Speech and Audio
	Signals
Country of registration:	PCT
Application no.:	PCT/CA00/01381
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y;
	3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above mentioned IPR and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the
	Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. VoiceAge has stated to ETSI that licensing inquiries should be sent to: VoiceAge Corp., 750 Chemin Lucerne, Suite 250, Town of Mount-Royal, Québec H3R 2H6 Canada, to the attention of Mrs. Hélène JAY, IPR and Licensing Business Development. Phone: +1 (514) 737-4940 / Fax: +1 (514) 908-2037 / http://www.voiceage.com.

Company name:	
	VoiceAge Corp.
Project:	3GPP/AMR-WB
Title:	High Frequency Content Recovering Method and Device for Oversampled Synthesized
	Wideband Signal
Country of registration:	
Application no.:	PCT/CA99/00990
Countries applicable:	US, CA, DE, GB, FR, IT, ES, NL, CH, LI, BE, SE, AT, DK, FI, PT, GR, MC, IE, LU, CY, JP,
	CN, KR
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y;
	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y;
	3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above mentioned IPR and
Notes:	
	has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the
	Standards listed above.
	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
	VoiceAge has stated to ETSI that licensing inquiries should be sent to: VoiceAge Corp., 750
	Chemin Lucerne, Suite 250, Town of Mount-Royal, Québec H3R 2H6 Canada, to the attention
	of Mrs. Hélène JAY, IPR and Licensing Business Development. Phone: +1 (514) 737-4940 /
	Fax: +1 (514) 908-2037 / http://www.voiceage.com.
Company nome-	VaiceAge Corp
Company name:	VoiceAge Corp.
Project:	3GPP/AMR-WB
Title:	Periodicity Enhancement in Decoding Wideband Signals
Country of registration:	РСТ
Application no.:	PCT/CA99/01009
Countries applicable:	US, CA, DE, GB, FR, IT, ES, NL, CH, LI, BE, SE, AT, DK, FI, PT, GR, MC, IE, LU, CY, JP, CN
ETSI Deliverable:	
ETSI Deliverable.	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y;
	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y;
	3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
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	Chemin Lucerne, Suite 250, Town of Mount-Royal, Québec H3R 2H6 Canada, to the attention of Mrs. Hélène, IAX, IPR and Licensing Business Development, Phone: +1 (514) 737-4940 /
	of Mrs. Hélène JAY, IPR and Licensing Business Development. Phone: +1 (514) 737-4940 /
	of Mrs. Hélène JAY, IPR and Licensing Business Development. Phone: +1 (514) 737-4940 / Fax: +1 (514) 908-2037 / http://www.voiceage.com.
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Company name: Project: Title:	Nokia Corporation 3GPP/AMR-WB Algebraic codebook with signal selected pulse amplitude / position combinations for fast
Country of registration: Application no.: ETSI Deliverable: Notes:	coding of speech
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable:	527130/96 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y;
Notes:	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech BR PI9607144.3 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech CA 2213740 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech CN 96193196,5 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech EPO 96903854,6 516621 DE, ES, FR, GB, IT, SE 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech HK 98100818,3 HK1001846 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of speech KR 97-706298 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

	32	ETSI SR 000 314 V1.6.1 (2001-08)
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Depth-first algebraic codebook search for fast coding of IN 422CAL96 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 2 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 2 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declar irrevocable licences under the IPRs on terms and cond Clause 6.1 of the ETSI IPR Policy, in respect of the ST remain ESSENTIAL.	26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; are that they are prepared to grant ditions which are in accordance with
Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Methods for generating comfort noise during discontine US 08/965303 5960389 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 2 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 2 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby decla irrevocable licences under the IPRs on terms and cond Clause 6.1 of the ETSI IPR Policy, in respect of the ST remain ESSENTIAL.	26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; are that they are prepared to grant ditions which are in accordance with
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Methods for generating comfort noise during discontine AR 970105360 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 2 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 2 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declar irrevocable licences under the IPRs on terms and cond Clause 6.1 of the ETSI IPR Policy, in respect of the ST remain ESSENTIAL.	26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; are that they are prepared to grant ditions which are in accordance with
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Nokia Corporation 3GPP/AMR-WB Methods for generating comfort noise during discontine BR PI9705747.9 3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 2 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 2 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declar irrevocable licences under the IPRs on terms and cond Clause 6.1 of the ETSI IPR Policy, in respect of the ST remain ESSENTIAL.	26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; are that they are prepared to grant ditions which are in accordance with
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Nokia Corporation 3GPP/AMR-WB Method for decreasing the frame error rate in data tran IT MI98A000766 1299063	nsmission in the form of data frames

Patent no.:	1299063
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y;
	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y;
	3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.

Company name:	Nokia Corporation 3GPP/AMR-WB
Project: Title:	Methods for generating comfort noise during discontinuous transmission
Country of registration:	
Application no.:	97126203.9
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y;
	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y;
	3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	3GPP/AMR-WB
Title:	Methods for generating comfort noise during discontinuous transmission
Country of registration:	
Application no.: ETSI Deliverable:	9-313957
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y; 3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y;
	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y; 3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notes.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	3GPP/AMR-WB
Title:	Methods for generating comfort noise during discontinuous transmission
Country of registration:	
Application no.:	97309213.3
ETSI Deliverable:	3G TS 26.171 V5.X.Y; 3G TS 26.173 V5.X.Y; 3G TS 26.174 V5.X.Y; 3G TS 26.190 V5.X.Y;
	3G TS 26.191 V5.X.Y; 3G TS 26.192 V5.X.Y; 3G TS 26.193 V5.X.Y; 3G TS 26.194 V5.X.Y;
Notes:	3G TS 26.201 V5.X.Y; 3G TS 26.202 V5.X.Y The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
140162.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.

3GPP/EMS

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Bijitec 3GPP/EMS System and method for compressing stroke-based handwriting and line drawing TH 065426 TH TS 23.040 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Bijitec 3GPP/EMS System and method for compressing stroke-based handwriting and line drawing TW 0078026 TW TS 23.040 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Bijitec 3GPP/EMS System and method for compressing stroke-based handwriting and line drawing CN 99127048.7 CN TS 23.040 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Bijitec 3GPP/EMS System and method for compressing stroke-based handwriting and line drawing SG PCT/SG01/00088 PCT TS 23.040 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	Ascom Management AG BRAN Dynamic assignment of signalling virtual channels for wireless ATM systems US 5907542 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	Ascom Management AG BRAN Dynamic connection mapping in wireless ATM systems US 5787077 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	Ascom Management AG BRAN Dynamic assignment of signalling virtual channels for wireless ATM systems PCT 97/39595 CN, JP The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	Ascom Management AG BRAN Dynamic assignment of signalling virtual channels for wireless ATM systems EPO 1997/103854 813346 AT, BE, CH, DE, ES, FR, GB, IE, IT, LI The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	Ascom Management AG BRAN Dynamic Connection Mapping in wireless ATM Systems PCT 97/47158 CN, JP, KR, CH, DE, DK, FI, FR, GB, GR, IT, LI, NL, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Ascom Management AG
Project:	BRAN
Title:	Dynamic Connection Mapping in wireless ATM Systems
Country of registration:	EPO
Application no.:	1997/918309
Patent no.:	903054
Countries applicable:	CH, DE, DK, FI, FR, GB, GR, IT, LI, NL, SE
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Cable Modem

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	3COM Corporation Cable Modem Method and System for Provisioning Network Addresses in a Data-Over-cable System US Pending US ES 201 488 V1.1.1. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	3COM Corporation Cable Modem Method and System For Secure Cable Modem Initialization US 09/018,756 US 6,070,246 US ES 201 488 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	3COM Corporation Cable Modem Method for Using Host Configuration Messages to Maintain a Network Address Table in a Data-Over-Cable System US Pending US ES 201 488 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	3COM Corporation Cable Modem Method and System for Quality of Service Based Data Forwarding In A Data Over Cable System US Pending US ES 201 488 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	3COM Corporation Cable Modem Cable Modem With Dribble Grant Access System and Method US Pending US ES 201 488 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	3COM Corporation Cable Modem Method and System for Bundling Data In a Data Over Cable System US Pending US ES 201 488 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Country of registration: Application no.: ETSI Deliverable: Notes:	Lucent Technologies Inc. Cable Modem US n/a ES 201 488 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Country of registration: Application no.: ETSI Deliverable: Notes:	Motorola Cable Modem US n/a ES 201 488 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	3COM Corporation Cable Modem Method For Changing Type of Service in a Data Over Cable System US Pending US ES 201 488 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	3COM Corporation Cable Modem Method and System For Providing Quality of Service in a Data Cable System Using Configuration Protocol Messaging US Pending US ES 201 488 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

DAB

Company name:	
	Grundig E.M.V.
Project:	DAB
Title:	Process, Sender and Receiver for Transmitting and Selecting Local Radio Programs in a
	Common-wave Broadcasting Network
Country of registration:	
Application no.:	DE 44 24 778
Countries applicable:	DE 44 24 778
Countries applicable.	
Company nome	Dhiling
Company name:	Philips
Project:	DAB
Title:	Digital transmission system for transmitting an additional signal such as a surround signal
Country of registration:	
Application no.:	(div of EP-0 402 973)
Patent no.:	EP-0 599 825
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, HK, SG, IN, US
ETSI Deliverable:	ETS 300 401
Company name:	Grundig E.M.V.
Project:	DAB
Title:	Verfahren und Schaltungsanordnung zur Realisierung eines Rückübertragungskanals vom
	Empfänger zum Sender in einem Gleichwellenne
Country of registration:	DE
Application no.:	DE 44 44 889
Countries applicable:	DE
Company name:	Philips
Project:	DAB
Title:	Digital transmission system using subband coding
Country of registration:	
Application no.:	EP 89201408
Patent no.:	EP 0 400 755
Countries applicable:	AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL,
countries applicable.	PT, RU, SE, SG, SK, TW, UA, US
ETSI Deliverable:	
ETSI Deliverable:	ETS 300 401
Company name:	Télédiffusion de France
Project:	DAB
Title:	Digital transmission system using subband coding
Country of registration.	EFU
Country of registration:	
Application no.:	EP 89201408
Application no.: Patent no.:	EP 89201408 EP 0 400 755
Application no.:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL,
Application no.: Patent no.: Countries applicable:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US
Application no.: Patent no.:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL,
Application no.: Patent no.: Countries applicable: ETSI Deliverable:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU,
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU,
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US ETS 300 401
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US ETS 300 401 Télédiffusion de France
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US ETS 300 401 Télédiffusion de France DAB
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US ETS 300 401 Télédiffusion de France DAB Digital transmission system for transmitting an additional signal such as a surround signal
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Company name: Project: Title: Country of registration:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US ETS 300 401 Télédiffusion de France DAB Digital transmission system for transmitting an additional signal such as a surround signal n/a
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US ETS 300 401 Télédiffusion de France DAB Digital transmission system for transmitting an additional signal such as a surround signal n/a (div of EP-0 402 973)
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US ETS 300 401 Télédiffusion de France DAB Digital transmission system for transmitting an additional signal such as a surround signal n/a (div of EP-0 402 973) EP-0 599 825
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US ETS 300 401 Télédiffusion de France DAB Digital transmission system for transmitting an additional signal such as a surround signal n/a (div of EP-0 402 973) EP-0 599 825 AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, HK, SG, IN, US
Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401 Philips DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US ETS 300 401 Télédiffusion de France DAB Digital transmission system for transmitting an additional signal such as a surround signal n/a (div of EP-0 402 973) EP-0 599 825

Company name:	IRT
Project:	DAB
Title:	Digital transmission system for transmitting an additional signal such as a surround signal
Country of registration:	n/a
Application no.:	(div of EP-0 402 973)
Patent no.:	EP-0 599 825
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, HK, SG, IN, US
ETSI Deliverable:	ETS 300 401
Company name: Project: Title:	Grundig E.M.V. DAB Process, Sender and Receiver for Transmitting and Selecting Local Radio Programs in a Common-wave Broadcasting Network
Country of registration:	PCT
Application no.:	PCT/EP95/02751
Patent no.:	WO 96/02988
Countries applicable:	AU, BR, CA, CN, CZ, FI, JP, KR, MX, NO, PL, US, EPO
Company name:	Grundig E.M.V.
Project:	DAB
Title:	Gleichwellennetze und Empfänger zum Durchführen der empfangsseitigen Massnahmen
Country of registration:	EPO
Application no.:	HEI-5-169296
ETSI Deliverable:	ETS 300 401
Company name:	Grundig E.M.V.
Project:	DAB
Title:	Method for the Adaptive Assignment of the Transmission Capacity of a Transmission Channel
Country of registration:	DE
Application no.:	DE 44 25 973
Countries applicable:	DE
Company name:	Grundig E.M.V.
Project:	DAB
Title:	Method for the Adaptive Assignment of the Transmission Capacity of a Transmission Channel
Country of registration:	PCT
Application no.:	PCT/EP95/02853
Patent no.:	WO 96/03841
Countries applicable:	AU, BR, CA, CN, CZ, FI, JP, KR, MX, NO, PL, US, EPO
Company name: Project: Title: Country of registration: Application no.:	Grundig E.M.V. DAB Verfahren und Schaltungsanordnung zum Einfügen von Daten in ein Gleichwellenübertragungssignal DE DE 43 41 211
Countries applicable: Company name: Project: Title:	DE Grundig E.M.V. DAB Verfahren und Schaltungsanordnung zum Einfügen von Daten in ein Gleichwellenübertragungssignal
Country of registration:	EPO
Application no.:	94118808.8
Patent no.:	EP 0 656 702 A1
Countries applicable:	AT, BE, CH, DE, FR, GB, IT, LI, PT
Company name: Project: Title: Country of registration:	Grundig E.M.V. DAB Verfahren und Schaltungsanordnung zur Bestimmung des geographischen Standortes eines Empfängers in einem Gleichwellennetz DE
Application no.: Countries applicable:	DE DE 42 23 194 DE

Company name: Project: Title: Country of registration: Application no.: Countries applicable:	Grundig E.M.V. DAB Procedure for the Identification of Transmitter or Region in Common-wave Broadcasting Network DE DE 41 02 408 DE
Company name: Project: Title: Country of registration: Application no.: Countries applicable:	Grundig E.M.V. DAB Procedure for the Identification of Transmitter or Region in Common-wave Broadcasting Networks PCT WO 92/13403 AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, JP, LU, MC, NL, SZ, US
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	Telefunken Sendertechnik GmbH DAB Verfahren und Anordnung zur Messung der Trägerfrequenzablage in einem Mehrkanalübertragungssystem DE P 41 28 713 EP 0529 421 AT, BE, CH, DE, FR, GB, GR, IT, LI, LU, MC, NL, PT, SE, US ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	Télédiffusion de France DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	France Telecom DAB Digital transmission system using subband coding EPO EP 89201408 EP 0 400 755 AR, AU, BR, CA, CH, CN, CZ, DE, DK, ES, FI, FR, GB, HK, HU, IN, IT, JP, KR, MX, MY, PL, PT, RU, SE, SG, SK, TW, UA, US ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	Grundig E.M.V. DAB Verfahren und Schaltungsanordnung zur digitalen Rahmensynchronisation EPO 96100540.4 EP 0 670 643 A1 AT, BE, DE, CH, ES, FR, GB, IT, LI, LU, NL, PT, SE
Company name: Project: Title: Country of registration: Application no.: Countries applicable:	Grundig E.M.V. DAB Verfahren und Schaltungsanordnung zur digitalen Rahmensynchronisation DE DE 44 05 752 DE

Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	Grundig E.M.V. DAB Verfahren zur Übertragung regional unterschiedlicher Informationen in Gleichwellennetze EPO 93108160.8 EP 0 580 976 AT, BE, DE, FR, GB, IT ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	Grundig E.M.V. DAB Verfahren zur Übertragung regional unterschiedlicher Informationen in Gleichwellennetze DE DE 42 22 877 DE ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	Télédiffusion de France DAB Method and installation for digital communication, particularly between an towards moving vehicles PCT PCT/EP-87/00346 WO-88/00417 FR, DE, GB, IT, NL, SE, US, JP ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	Télédiffusion de France DAB Procédé de diffusion de données numériques, notamment pour la radiodiffusion à haut débit vers des mobiles à entrelacement temps-fréquence et synchronisation analogique FR FR 88 15216 (=EP0369917) FR-2 639 495 FR, DE, ES, GB, IT, NL, US ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	Télédiffusion de France DAB Procédé de diffusion de données numériques, notamment pour la radiodiffusion à haut débit vers des mobiles à entrelacement temps-fréquence et synchronisation analogique EPO 93 116 353.9 (div of EP0369371) EP 0 600 193 FR, ES, GB, IT, NL ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	Télédiffusion de France DAB Dispositif de transmission de données numériques à au moins deux niveaux de protection, et dispositif de réception correspondant FR FR 90 03927 FR-2 660 131 FR, GB, DE, US ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	France Telecom DAB Digital transmission system for transmitting an additional signal such as a surround signal n/a (div of EP-0 402 973) EP-0 599 825 AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, HK, SG, IN, US ETS 300 401

Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	France Telecom DAB Procédé de diffusion de données numériques, notamment pour la radiodiffusion à haut débit vers des mobiles à entrelacement temps-fréquence et aide à l'acquisition de la commande automatique de fréquence, et récepteur correspondant FR FR 90 01492 FR-2 658 017 FR, GB, DE, US ETS 300 401
Company name: Project: Title:	Télédiffusion de France DAB Procédé de diffusion de données numériques, notamment pour la radiodiffusion à haut débit vers des mobiles à entrelacement temps-fréquence et aide à l'acquisition de la commande
Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	automatique de fréquence, et récepteur correspondant FR FR 90 01492 FR-2 658 017 FR, GB, DE, US ETS 300 401
Company name: Project: Title:	France Telecom DAB Digital transmission system, transmitter and receiver for use in the transmission system, and record carrier obtained by means of the transmitter in the form of a recording device
Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	NL NL 89 014023 EP-0 402 973 AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU, MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	Telefunken Sendertechnik GmbH DAB Verfahren zur digitalen Datenübertragung im Nullsymbol des COFDM-Modulationsverfahrens DE P 41 38 770 EP 0614 584 DE, FR, GB, IT, ES, SE, US ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	France Telecom DAB Dispositif de transmission de données numériques à au moins deux niveaux de protection, et dispositif de réception correspondant FR FR 90 03927 FR-2 660 131 FR, GB, DE, US ETS 300 401
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	France Telecom DAB Procédé de diffusion de données numériques, notamment pour la radiodiffusion à haut débit vers des mobiles à entrelacement temps-fréquence et synchronisation analogique EPO 93 116 353.9 (div of EP0369371) EP 0 600 193 FR, ES, GB, IT, NL ETS 300 401

Company name:	France Telecom
Project:	DAB
Title:	Procédé de diffusion de données numériques, notamment pour la radiodiffusion à haut débit
	vers des mobiles à entrelacement temps-fréquence et synchronisation analogique
Country of registration:	
Application no.:	FR 88 15216 (=EP0369917)
Patent no.:	FR-2 639 495
Countries applicable:	FR, DE, ES, GB, IT, NL, US
ETSI Deliverable:	ETS 300 401
Company name:	France Telecom
Project:	DAB
Title:	Method and installation for digital communication, particularly between an towards moving
	vehicles
Country of registration:	
Application no.:	PCT/EP-87/00346
Patent no.: Countries applicable:	WO-88/00417
ETSI Deliverable:	FR, DE, GB, IT, NL, SE, US, JP ETS 300 401
ETSI Deliverable.	E13 500 401
Company name:	IRT
Project:	DAB
Title:	Digital transmission system, transmitter and receiver for use in the transmission system, and
	record carrier obtained by means of the transmitter in the form of a recording device
Country of registration:	
Application no.:	NL 89 014023
Patent no.:	EP-0 402 973
Countries applicable:	AR, AT, AU, BE, BR, CA, CH, CN, CZ, DE, DK, ES, FR, GB, GR, HK, HU, IN, IT, JP, KR, LU,
	MX, MY, NL, PL, RU, SE, SG, SI, SK, TW, UA, US
ETSI Deliverable:	ETS 300 401
Company name:	Philips
Project:	DAB
Title:	Intensity stereo encoding and decoding in a transmission system
Country of registration:	
Application no.:	(div of EP-0 402 973)
Patent no.:	EP-0 599 824
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, HK, SG, IN, US
ETSI Deliverable:	ETS 300 401
Company name:	Télédiffusion de France
Project:	DAB
Title:	Intensity stereo encoding and decoding in a transmission system
Country of registration:	
Application no.:	(div of EP-0 402 973)
Patent no.:	EP-0 599 824
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, HK, SG, IN, US
ETSI Deliverable:	ETS 300 401
Company name:	IRT
Project:	DAB
Title:	Intensity stereo encoding and decoding in a transmission system
Country of registration:	
Application no.:	(div of EP-0 402 973)
Patent no.: Countries applicable:	EP-0599824
ETSI Deliverable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, HK, SG, IN, US
	ETS 300 401
Company name:	France Telecom
Project:	DAB
Title:	Intensity stereo encoding and decoding in a transmission system
Country of registration:	
Application no.:	(div of EP-0 402 973)
Patent no.:	EP-0 599 824
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, HK, SG, IN, US
ETSI Deliverable:	ETS 300 401

DCS 1800

Company name: Project: Title: Country of registration: Application no.: Patent no.:	86200724.2 EP 0 201 126 B1
Company name: Project: Title: Country of registration:	Philips DCS 1800 Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys EPO
Application no.:	83201766.9
Patent no.:	EP 0 111 971 B1
Company name:	Philips
Project:	DCS 1800
Title:	Procédé pour reconnaître l'utilisation illicite d'une identification
Country of registration:	FR
Application no.:	8504296
Patent no.:	FR 256 184 1
Countries applicable:	FR
Company name:	Philips
Project:	DCS 1800
Title:	Verfahren zum Zugreifen auf Übertragungskanäle eines Nachrichtenübertragungssystems
Country of registration:	EPO
Application no.:	82107529.8
Patent no.:	EP 0 073 014 B1
Company name:	Philips
Project:	DCS 1800
Title:	Improvements in or relating to Digital Filters
Country of registration:	GB
Application no.:	8104155
Patent no.:	GB 2069799
Countries applicable:	GB
Company name:	Philips
Project:	DCS 1800
Title:	Multiple-access communications system
Country of registration:	EPO
Application no.:	84201107.4
Patent no.:	EP 0 134 057
Company name:	Philips
Project:	DCS 1800
Title:	Information transmission system
Country of registration:	GB
Application no.:	8008510
Patent no.:	GB 2063011
Countries applicable:	GB
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Philips DCS 1800 Digitales Funkübertragungssystem mit variabler Zeitschlitzdauer der Zeitschlitze im Zeitmultiplexrahmen EPO 86201267.1 EP 0 210 698

Company name:	Philips
Project:	DCS 1800
Title:	Verfahren und Steuereinrichtung zum Auswählen eines Organisationskanals in einer
1100	beweglichen Funkstation eines Funkübertragungs
Country of registration.	
Country of registration:	
Application no.:	83201767.7
Patent no.:	EP 0 111 972 B1
Company name:	Philips
Project:	DCS 1800
Title:	Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene
	Organisationskanäle eines Funkübertragungssys
Country of registration:	EPO
Application no.:	83201765.1
Patent no.:	EP 0 111 970 B1
Fatent no	
Company name:	Philips
Project:	DCS 1800
Title:	Multi-pulse excitation linear-predictive speech coder
Country of registration:	EPO
Application no.:	86200434.8
Patent no.:	EP 0 195 487 B1
Company name:	Philips
Project:	DCS 1800
Title:	TDMA system of transmitting information between a central station and sub-stations
	GB
Country of registration:	
Application no.:	8207811
Patent no.:	GB 209 55 16
Countries applicable:	GB
Company name:	Matra
Company name:	Matra
Project:	DCS 1800
Project: Country of registration:	DCS 1800 EPO
Project:	DCS 1800
Project: Country of registration:	DCS 1800 EPO
Project: Country of registration: Application no.:	DCS 1800 EPO
Project: Country of registration: Application no.: Company name:	DCS 1800 EPO 0472 460 B1 Matra
Project: Country of registration: Application no.: Company name: Project:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800
Project: Country of registration: Application no.: Company name: Project: Country of registration:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU
Project: Country of registration: Application no.: Company name: Project:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800
Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160
Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU
Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160
Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800
Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Country of registration:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI
Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Company name: Project:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO
Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO 83201768.5
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO
Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO 83201768.5
Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO 83201768.5 EP 0 111 973 B1
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO 83201768.5 EP 0 111 973 B1
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO 83201768.5 EP 0 111 973 B1 Philips DCS 1800
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO 83201768.5 EP 0 111 973 B1 Philips DCS 1800 Verfahren und Steuereinrichtung zum Auswählen eines Organisationskanals durch eine
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Company name: Project: Title: Company name: Project: Title:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO 83201768.5 EP 0 111 973 B1 Philips DCS 1800 Verfahren und Steuereinrichtung zum Auswählen eines Organisationskanals durch eine bewegliche Funkstation
Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO 83201768.5 EP 0 111 973 B1 Philips DCS 1800 Verfahren und Steuereinrichtung zum Auswählen eines Organisationskanals durch eine bewegliche Funkstation EPO
Project: Country of registration: Application no.: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Company name: Project: Title: Company name: Project: Title:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO 83201768.5 EP 0 111 973 B1 Philips DCS 1800 Verfahren und Steuereinrichtung zum Auswählen eines Organisationskanals durch eine bewegliche Funkstation
Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	DCS 1800 EPO 0472 460 B1 Matra DCS 1800 AU 638 160 Matra DCS 1800 FI 91 03 903 Philips DCS 1800 Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO 83201768.5 EP 0 111 973 B1 Philips DCS 1800 Verfahren und Steuereinrichtung zum Auswählen eines Organisationskanals durch eine bewegliche Funkstation EPO

DECT

Company name:	Alcatel
Project:	DECT
Title:	Ukrainian SSR
Country of registration:	UA
Application no.:	9504662
Countries applicable:	UA
ETSI Deliverable:	ETR 310
Company name:	Telia AB
Project:	DECT
Country of registration:	
Application no.:	9458446
Countries applicable:	
Notes:	This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with
	the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to
	ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become,
	Essential IPRs in relation to ETSI Standards.
Company #	Nakia Corporation
Company name: Project:	Nokia Corporation DECT
Title:	-
The.	IMPLEMENTATION OF MUTUAL RATE ADAPTATIONS IN DATA SERVICES BETWEEN GSM AND DECT
Country of registration:	
Application no.:	96304138,9
Countries applicable:	AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notes.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
	Temain ESSENTIAE.
Company name:	Telia AB
Company name: Project:	Telia AB DECT
Project:	DECT
Project: Country of registration:	DECT n/a
Project: Country of registration: Application no.:	DECT n/a 722229
Project: Country of registration: Application no.: Countries applicable:	DECT n/a 722229 EPO
Project: Country of registration: Application no.:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with
Project: Country of registration: Application no.: Countries applicable:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to
Project: Country of registration: Application no.: Countries applicable:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with
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Project: Country of registration: Application no.: Countries applicable: Notes: Company name:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT
Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT
Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a
Project: Country of registration: Application no.: Countries applicable: Notes: Notes: Company name: Project: Country of registration: Application no.:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9504962
Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Countries applicable:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9504962 NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to
Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Countries applicable:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9504962 NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become,
Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Countries applicable:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9504962 NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to
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Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9504962 NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9504962 NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.:	DECT n/a 72229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9504962 NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9500121-0 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with
Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	DECT n/a 722229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9504962 NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9500121-0 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to
Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	DECT n/a 72229 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9504962 NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards. Telia AB DECT n/a 9500121-0 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with

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Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 776551 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 9532680 AU This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 9402769-5 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 9500365-3 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 680676 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 9624228 PCT This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.

Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 9300162 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a PCT/SE98/01087 EPO, EE, LV, LT, NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 9702266-9 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation DECT IMPLEMENTATION OF MUTUAL RATE ADAPTATIONS IN DATA SERVICES BETWEEN GSM AND DECT FI 952813 98176 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Notes:	Canon DECT MMAP n/a Canon (Canon Research France - CRF) has declared that, in the event the proposed standard is adopted, it is ready to grant licenses under the Essential IPR(s) of the "standard", owned by CRF, on fair, reasonable and non-discriminatory terms and conditions, and provided that a similar grant under licensee's Essential IPR(s) is made available upon request of CRF.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation DECT IMPLEMENTATION OF MUTUAL RATE ADAPTATIONS IN DATA SERVICES BETWEEN GSM AND DECT AU 58218/96 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	9402471 ES ETR 310
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Telia AB DECT n/a 5761194 US This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation DECT DATA TRANSMISSION METHOD AT A1990/95 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation DECT DATA TRANSMISSION METHOD US 08/849504 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation DECT DATA TRANSMISSION METHOD SE 9504420-2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation DECT DATA TRANSMISSION METHOD JP 08-518306 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Nokia Corporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant Application no: 1277976 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant Campany name: Nokia Corporation Project: DECT Company name: Nokia Corporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: BECT Signation: SS25018,9 Patent no: 2926161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant Intercoable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs Title: DATA TRANSMISSION METHOD Company name: Policy in respect of the STANDARD, to the extent that the IPRs Tradit Corporation FR Project: DECT Company name: Noki		
Title: DATA TRANSMISSION METHOD Country of registration: T Application no:: 127976 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant in:evocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Difference DETA TRANSMISSION METHOD Country of registration: GB Application no: 9525018,9 Patent no: 2236161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DET Title: DATA TRANSMISSION METHOD Country of registrations: R Application no: S614476 Patent no: Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: R Project: DECT		
Country of registration: IT Application no: MI6SA002579 Patent no: 1277976 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: GB Application no: 2286161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.		
Application no.: MI95A02579 Patent no.: 1277976 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant inrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Difference DATA TRANSMISSION METHOD Country of registration: GB Application no.: 9525018,9 Patent no.: 2296161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Country of registration: Ff Application no.: 9514476 Sti4476 Pator no.: 9514476 Pator no.: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nok		
Patent no.: 1277976 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: 2280161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 0.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: RR Application no.: 9514476 Patent no.: 9514476 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs reation in ESSENTIAL. Company name: Nokia Corporation Project: DECT Optication no: 19545		IT
Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI.IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT ITHE: DATA TRANSMISSION METHOD Country of registration: GB Application no: 925018,9 Patent no: 226161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT DECT DATA TRANSMISSION METHOD Country of registration: FR Opticit: DECT Application no: 9514476 Patient no: 9514476 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent thathe IPRs remain ESSENTIAL. Com	Application no.:	MI95A002579
irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: GB Application no.: 9625018,9 Patent no.: 2286181 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant inrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: FR Application no.: 9514476 Patent no.: 9514476 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT DECT DECT	Patent no.:	1277976
Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: 6 2990161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Country of registration: FR Application no: 9514476 Patent no: 9514476 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT DATA TRANSMISSION METHOD Country of registration: DE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licence	Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
remain ESSENTIAL. Company name: Project: DEC DATA TRANSMISSION METHOD Country of registration: GB Application no: S229018.9 Patent no: 2290161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Note: DATA TRANSMISSION METHOD Country of registration: S614476 Patent no.: DECT Title: DATA TRANSMISSION METHOD Country of registration: R Notes: Note: Note Coroporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: FR Application no.: S614476 Patent no.: S614476 Patent no.: DECT Title: DATA TRANSMISSION METHOD Country of registration: FR Application no.: S614476 Patent no.: DECT Title: DATA TRANSMISSION METHOD Country of registration: FR Application no.: S614476 STB SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: FR Application no.: S64476 SECT Title: DECT Title: DATA TRANSMISSION METHOD Country of registration: DE Application no.: S64476 SECT Application no.: S64476 SECT Application no.: S64476 SECT Title: DECT Title: DATA TRANSMISSION METHOD Country of registration: FR Application no.: S64476 SECT Application no.: S64476 SECT Company name: FR SGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: FR SECTIAL Company name: FR SECTIAL Company name: FR SECTIAL COM		irrevocable licences under the IPRs on terms and conditions which are in accordance with
remain ESSENTIAL. Company name: Project: DEC DATA TRANSMISSION METHOD Country of registration: GB Application no: S229018.9 Patent no: 2290161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Note: DATA TRANSMISSION METHOD Country of registration: S614476 Patent no.: DECT Title: DATA TRANSMISSION METHOD Country of registration: R Notes: Note: Note Coroporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: FR Application no.: S614476 Patent no.: S614476 Patent no.: DECT Title: DATA TRANSMISSION METHOD Country of registration: FR Application no.: S614476 Patent no.: DECT Title: DATA TRANSMISSION METHOD Country of registration: FR Application no.: S614476 STB SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: FR Application no.: S64476 SECT Title: DECT Title: DATA TRANSMISSION METHOD Country of registration: DE Application no.: S64476 SECT Application no.: S64476 SECT Application no.: S64476 SECT Title: DECT Title: DATA TRANSMISSION METHOD Country of registration: FR Application no.: S64476 SECT Application no.: S64476 SECT Company name: FR SGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: FR SECTIAL Company name: FR SECTIAL Company name: FR SECTIAL COM		Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: GB Application no.: 9525018.9 Patent no.: 2296161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Diff. DET Application no.: 9514476 Patent no.: 954476 Patent no.: DECT Title: DATA TRANSMISSION METHOD Company name: Nokia Corporation		remain ESSENTIAL.
Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: GB Application no.: 9525018.9 Patent no.: 2296161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Diff. DET Application no.: 9514476 Patent no.: 954476 Patent no.: DECT Title: DATA TRANSMISSION METHOD Company name: Nokia Corporation		
Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: GB Application no.: 9525018.9 Patent no.: 2296161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Diff. DET Application no.: 9514476 Patent no.: 954476 Patent no.: DECT Title: DATA TRANSMISSION METHOD Company name: Nokia Corporation	Company name:	Nokia Corporation
Title: DATA TRANSMISSION METHOD Country of registration: 9525018,9 Patent no.: 2296161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: FR Application no.: 9514476 Patent no.: 9514476 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT DECT DECT Title: DATA TRANSMISSION METHOD Company name: Nokia Corporation Project: DECT DECT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in resp		
Country of registration: GB Application no: 9252018.9 Patent no:: 2286161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Optication no:: 9514476 Application no:: 9514476 Patent no:: 9514476 Company name: Nokia Corporation Project: DECT DECT DECT Title: DATA TRANSMISSION METHOD Company name: The SIGNATORY and/or its		DATA TRANSMISSION METHOD
Application no.: 9525018.9 Patient no.: 2266161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration no.: 9514476 Patient no.: 9514476 Patient no.: 9514476 Patient no.: 9514476 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation DECT Project: DECT DECT DECT Title: DATA TRANSMISSION METHOD Company name: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: The SIGNATOR		
Patent no.: 2296161 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs fremain ESSENTIAL. Company name: Nokia Corporation Project: DECT Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: DE Application no: 19545767.6 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remai		
Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Project: Nokia Corporation DATA TRANSMISSION METHOD Country of registration: FR splitation no: 9514476 Notes: Splitat76 Patent no.: 9514476 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Project: Nokia Corporation DECT DECT DECT Outs: Notia Corporation DECT Project: DATA TRANSMISSION METHOD Company name: Project: Notia Corporation DE Application no.: 19545767.6 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Project: Telia AB DECT Opect: Semain ESSENTIAL.		
irrevocable licences under the IPRs on terms and conditions which are in accordance with Company name: Nokia Corporation Project: DECT Jordanian Company name: Nokia Corporation Project: DECT Application no.: 9514476 Patent no.: 9514476 Project: DECT Title: DATA TRANSMISSION METHOD Company name: Policy. Project: DECT Application no.: 19545767.6 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the exte		
Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Company name: Nokia Corporation DECT Title: DATA TRANSMISSION METHOD Country of registration: FR Application no: 9514476 Patent no: 95147 Patent no: 9514476 Patent no: 9514476 Patent no: 9514476 Patent no: 9514476 Patent no: 95100 Patent	10100.	
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Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: CH Application no.: 3510/95 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs		
Project: DECT Title: DATA TRANSMISSION METHOD Country of registration: CH Application no.: 3510/95 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs	Company name:	Nokia Corporation
Title: DATA TRANSMISSION METHOD Country of registration: CH Application no.: 3510/95 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs		
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Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs		

Company name: Project: Title: Country of registration: Application no.: Notes:	8-136887 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
Company name: Project: Title: Country of registration: Application no.: Notes:	remain ESSENTIAL. Nokia Corporation DECT DATA TRANSMISSION METHOD FI 945844 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	Nokia DECT Implementation of mutual rate adaptations in data services between GSM and DECT EPO 96304138.9 EP 748136 NL, ES, GB, IT, FR, DE ETS 300 756, ETS 300 792
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 9639785 PCT This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 9502052-5 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 726690 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.

Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT n/a 9600458 NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Telia AB DECT n/a 505209 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation DECT DATA TRANSMISSION METHOD CN 95196747,9 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Alcatel DECT Method for transmitting information at high speed by multiple burst allocation and associate receiving method and device. JP 331170/93 JP ETS 300 175-3 in general clause 4.22, figure 6; subclause 6.2.1.3 more particularly
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation DECT IMPLEMENTATION OF MUTUAL RATE ADAPTATIONS IN DATA SERVICES BETWEEN GSM AND DECT CN 96195981,9 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	Alcatel DECT DECT Frame Synchronization JP 170176/96 JP ETR 310
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	Alcatel DECT DECT Frame Synchronization AU 56167 AU ETR 310

Company name:	Alcatel
Project:	DECT
Title:	DECT Frame Synchronization
Country of registration:	
Application no.:	19523489
Countries applicable:	DE
ETSI Deliverable:	ETR 310
Company name:	Alcatel
Project:	DECT
Title:	Wireless Tie Line
Country of registration:	
Application no.:	6808
Patent no.:	5355402
Countries applicable:	US
ETSI Deliverable:	ETS 300 822
ETSI Deliverable.	L 13 300 022
Company name:	Alcatel
Project:	DECT
Title:	Wireless Tie Line
Country of registration:	
Application no.:	92121870.7
Patent no.:	
Countries applicable:	AT, BE, DE, IT, NL, ES, SE, CH, GB
ETSI Deliverable:	ETS 300 822
Company name:	Alcatel
Project:	DECT
Title:	Wireless Tie Line
Country of registration:	
Application no.:	4201561.8
Countries applicable:	4201301.8 DE
ETSI Deliverable:	ETS 300 822
ETSI Deliverable.	L 13 300 822
Company name:	Alcatel
Project:	DECT
Title:	DECT Frame Synchronization
Country of registration:	
Application no.:	661373
Countries applicable:	US
ETSI Deliverable:	ETR 310
ETSI Deliverable.	EIRSID
Company name:	Alcatel
Project:	DECT
Title:	Method for transmitting information at high speed by multiple burst allocation and associate
	receiving method and device.
Country of registration:	
Application no.:	934859
Countries applicable:	NO
ETSI Deliverable:	ETS 300 175-3
Notes:	in general clause 4.22, figure 6; subclause 6.2.1.3 more particularly
110(63.	in general olduse T.ZZ, lighte 0, subolause 0.2. 1.5 more particularly
Company name:	Alcatel
Project:	DECT
Title:	Burst Alignment Procedure
Country of registration:	
Application no.:	95940248.8
Patent no.:	795238
Countries applicable:	FR, DE, IT, SE, GB
ETSI Deliverable:	ETR 310

Company name:	Alcatel
Project:	DECT
Title:	Method for transmitting information at high speed by multiple burst allocation and associate
	receiving method and device.
Country of registration:	
Application no.:	935885
Countries applicable:	
ETSI Deliverable:	ETS 300 175-3
Notes:	in general clause 4.22, figure 6; subclause 6.2.1.3 more particularly
Company name:	Alcatel
Project:	DECT
Title:	Method for transmitting information at high speed by multiple burst allocation and associate
	receiving method and device.
Country of registration:	
Application no.:	2112511
Countries applicable:	CA
ETSI Deliverable:	ETS 300 175-3
Notes:	in general clause 4.22, figure 6; subclause 6.2.1.3 more particularly
Company name:	Alcatel
Project:	DECT
Title:	Method for transmitting information at high speed by multiple burst allocation and associate
Country of registrations	receiving method and device.
Country of registration:	
Application no.:	56167
Countries applicable:	AU
ETSI Deliverable:	ETS 300 175-3
Notes:	in general clause 4.22, figure 6. subclause 6.2.1.3 more particularly
Company name:	Alcatel
Project:	DECT
Title:	Method for transmitting information at high speed by multiple burst allocation and associate
nue.	
	receiving method and device.
Country of registration:	
Application no.:	93403177.4
Patent no.:	0605312
Countries applicable:	AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB
ETSI Deliverable:	ETS 300 175-3
Notes:	in general clause 4.22, figure 6, subclause 6.2.1.3 more particularly
Company name:	Alcatel
Project:	DECT
Title:	Method for transmitting information at high speed by multiple burst allocation and associate
nuc.	
Country of registration	receiving method and device.
Country of registration:	
Application no.:	92-15934
Patent no.:	2700086
ETSI Deliverable:	ETS 300 175-3
Company name:	Nokia
Project:	DECT
Title:	Implementation of mutual rate adaptations in data services between GSM and DECT
Country of registration:	
Application no.:	PCT/FI96/00305
Patent no.:	
	WO 9641490
ETSI Deliverable:	ETS 300 756, ETS 300 792
-	AL 11
Company name:	Nokia
Project:	DECT
Title:	Implementation of mutual rate adaptations in data services between GSM and DECT
Country of registration:	
Application no.:	8-136887
ETSI Deliverable:	ETS 300 756, ETS 300 792

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Alcatel DECT Method for transmitting information at high speed by multiple burst allocation and associate receiving method and device. US 175555 US ETS 300 175-3 in general clause 4.22, figure 6; subclause 6.2.1.3 more particularly
Company name:	Alcatel
Project:	DECT
Title:	Burst Alignment Procedure
Country of registration:	MA
Application no.:	24082
Countries applicable:	MA
ETSI Deliverable:	ETR 310
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation DECT IMPLEMENTATION OF MUTUAL RATE ADAPTATIONS IN DATA SERVICES BETWEEN GSM AND DECT RU 97119934 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation DECT IMPLEMENTATION OF MUTUAL RATE ADAPTATIONS IN DATA SERVICES BETWEEN GSM AND DECT US 08/659590 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Alcatel
Project:	DECT
Title:	DECT Frame Synchronization
Country of registration:	EPO
Application no.:	96109652.6
Patent no.:	751634
Countries applicable:	AT, BE, FR, DE, IT, LI, NL, ES, SE, CH, GB
ETSI Deliverable:	ETR 310
Company name:	Alcatel
Project:	DECT
Title:	Ukrainian SSR
Country of registration:	US
Application no.:	676389
Countries applicable:	US
ETSI Deliverable:	ETR 310
Company name:	Alcatel
Project:	DECT
Title:	Burst Alignment Procedure
Country of registration:	NZ
Application no.:	297000
Countries applicable:	NZ
ETSI Deliverable:	ETR 310

Company name:	Alcatel
Project:	DECT
Title:	Burst Alignment Procedure
Country of registration:	
Application no.:	1344
Countries applicable:	TH
ETSI Deliverable:	ETR 310
Company name:	Alcatel
Project:	DECT
Title:	Burst Alignment Procedure
Country of registration:	
Application no.:	959877
Countries applicable:	ZA
ETSI Deliverable:	ETR 310
Company name:	Alcatel
Project:	DECT
Title:	DECT Frame Synchronization
Country of registration:	
Application no.:	286843
Countries applicable:	NZ
ETSI Deliverable:	ETR 310
Company name:	Alcatel
Project:	DECT
Title:	Burst Alignment Procedure
Country of registration:	
Application no.:	285380
Countries applicable:	PE
ETSI Deliverable:	ETR 310
ETSI Deliverable.	LINSIO
Company name:	Nokia
Company name:	Nokia
Project:	DECT
Project: Title:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT
Project: Title: Country of registration:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI
Project: Title: Country of registration: Application no.:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT
Project: Title: Country of registration:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI
Project: Title: Country of registration: Application no.:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813
Project: Title: Country of registration: Application no.: Patent no.:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176
Project: Title: Country of registration: Application no.: Patent no.:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN 201195 IN
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN 201195 IN ETR 310
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN 201195 IN ETR 310 Alcatel
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN 201195 IN ETR 310 Alcatel DECT
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN 201195 IN ETR 310 Alcatel DECT Burst Alignment Procedure
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN 201195 IN ETR 310 Alcatel DECT Burst Alignment Procedure HU 9601896
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT Fl 952813 Fl 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN 201195 IN ETR 310 Alcatel DECT Burst Alignment Procedure HU 9601896 HU
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Countries applicable: ETSI Deliverable: ETSI Deliverable:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN 201195 IN ETR 310 Alcatel DECT Burst Alignment Procedure HU 9601896 HU ETR 310 Alcatel
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN 201195 IN ETR 310 Alcatel DECT Burst Alignment Procedure HU 9601896 HU ETR 310 Alcatel DECT
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN ETR 310 Alcatel DECT Burst Alignment Procedure HU 9601896 HU ETR 310 Alcatel DECT Burst Alignment Procedure HU SecT Burst Alignment Procedure
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Countries applicable: ETSI Deliverable:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN ETR 310 Alcatel DECT Burst Alignment Procedure HU 9601896 HU ETR 310 Alcatel DECT Burst Alignment Procedure HU Set 310
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN 201195 IN ETR 310 Alcatel DECT Burst Alignment Procedure HU 9601896 HU ETR 310 Alcatel DECT Burst Alignment Procedure HU ETR 310
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Company name: Project: Title: Country of registration: Country of registration: C	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN ETR 310 Alcatel DECT Burst Alignment Procedure HU 9601896 HU ETR 310 Alcatel DECT Burst Alignment Procedure HU Set 310
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	DECT Implementation of mutual rate adaptations in data services between GSM and DECT FI 952813 FI 98176 ETS 300 756, ETS 300 792 Alcatel DECT Burst Alignment Procedure IN 201195 IN ETR 310 Alcatel DECT Burst Alignment Procedure HU 9601896 HU ETR 310 Alcatel DECT Burst Alignment Procedure HU ETR 310

Company name:	Alcatel
Project:	DECT
Title:	Burst Alignment Procedure
Country of registration:	
Application no.:	95191406.5
Countries applicable:	CN
ETSI Deliverable:	ETR 310
ETSI Deliverable.	EIKSIU
	Alcatel
Company name:	
Project:	DECT
Title:	Burst Alignment Procedure
Country of registration:	
Application no.:	9506646-2
Countries applicable:	BR
ETSI Deliverable:	ETR 310
Company name:	Alcatel
Project:	DECT
Title:	Burst Alignment Procedure
Country of registration:	
Application no.:	41762
Countries applicable:	AU FTD 212
ETSI Deliverable:	ETR 310
Component	Alastal
Company name:	Alcatel
Project:	DECT
Title:	Burst Alignment Procedure
Country of registration:	
Application no.:	95010299
Countries applicable:	AR
ETSI Deliverable:	ETR 310
Company name:	Alcatel
Project:	DECT
Title:	Burst Alignment Procedure
Country of registration:	
Application no.:	86116584
Countries applicable:	RU
ETSI Deliverable:	ETR 310
ETSI Deliverable.	ETK 510
Company name:	Telia AB
Project:	DECT
Title:	A Mobile Radio System
Country of registration:	
Application no.:	PCT/SE95/00998
Company name:	Alcatel
Project:	DECT
Title:	
	Burst Alignment Procedure
Country of registration: Application no.:	PL 315625
ADDUCATION NO '	
Countries applicable:	PL
Countries applicable: ETSI Deliverable:	PL ETR 310
Countries applicable: ETSI Deliverable: Company name:	PL ETR 310 Telia AB
Countries applicable: ETSI Deliverable: Company name: Project:	PL ETR 310 Telia AB DECT
Countries applicable: ETSI Deliverable: Company name: Project: Title:	PL ETR 310 Telia AB DECT A Mobile Radio System
Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	PL ETR 310 Telia AB DECT A Mobile Radio System EPO
Countries applicable: ETSI Deliverable: Company name: Project: Title:	PL ETR 310 Telia AB DECT A Mobile Radio System
Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	PL ETR 310 Telia AB DECT A Mobile Radio System EPO 94902147.1
Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name:	PL ETR 310 Telia AB DECT A Mobile Radio System EPO 94902147.1 Telia AB
Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name: Project:	PL ETR 310 Telia AB DECT A Mobile Radio System EPO 94902147.1 Telia AB DECT
Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title:	PL ETR 310 Telia AB DECT A Mobile Radio System EPO 94902147.1 Telia AB DECT Arrangement in a DECT System
Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration:	PL ETR 310 Telia AB DECT A Mobile Radio System EPO 94902147.1 Telia AB DECT Arrangement in a DECT System EPO
Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title:	PL ETR 310 Telia AB DECT A Mobile Radio System EPO 94902147.1 Telia AB DECT Arrangement in a DECT System

Company name:	Telia AB
Project:	DECT
Title:	Arrangement for Improving Functions in a Radiocommunications System
Country of registration:	EPO
Application no.:	95850041.5
Company name:	Telia AB
Project:	DECT
Title:	A Radio-based Communication System
Country of registration:	PCT
Application no.:	PCT/SE95/00259
Company name:	Telia AB
Project:	DECT
Title:	A Mobile Radio System
Country of registration:	PCT
Application no.:	PCT/SE95/00610
Company name:	Telia AB
Project:	DECT
Title:	Device at Telecommunication Systems
Country of registration:	PCT
Application no.:	PCT/SE95/00845
Company name:	Telia AB
Project:	DECT
Title:	Device at Telecommunication Systems
Country of registration:	PCT
Application no.:	PCT/SE95/00846

DECT/GSM

Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name:	Telia AB DECT/GSM Arrangement for Handover in a Mobile Telecommunication Network SE 9500408-1 SE Telia AB
Project: Country of registration: Application no.: Countries applicable: Notes:	DECT/GSM n/a 9625015 PCT This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT/GSM n/a 9643382 AU This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT/GSM n/a 725552 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	Telia AB DECT/GSM Method and Arrangement for Transfer between a Cordless Telecommunications System and a Cellular Mobile Telecommunications System SE 9500407-3 503 848 SE
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB DECT/GSM n/a 808549 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.

Company name:	Telia AB
Project:	DECT/GSM
Country of registration:	n/a
Application no.:	9500407-3
Countries applicable:	SE
Notes:	This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name:	Telia AB
Project:	DECT/GSM
Country of registration:	n/a
Application no.:	9500408
Countries applicable:	SE
Notes:	This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with

This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.

DTM

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Net Insight DTM Method and arrangement for dynamic signalling SE WO 97/36401 DES/SPAN-13 0005 (ES 201 803-2) The Signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with clause 6.1 of the ETSI IPR Policy, in respect of the Standard, to the extent that the IPRs remain essential.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Net Insight DTM Methods and systems for determining network topology SE WO 00/31925 DES/SPAN-13 0005 (ES 201 803-2) The Signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with clause 6.1 of the ETSI IPR Policy, in respect of the Standard, to the extent that the IPRs remain essential.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Net Insight DTM Method and apparatus for distributing messages in a communication network SE EP 1024677 DES/SPAN-13 0005 (ES 201 803-2) The Signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with clause 6.1 of the ETSI IPR Policy, in respect of the Standard, to the extent that the IPRs remain essential.
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	Net Insight DTM Method, system and apparatuses for transferring information between nodes in a circuit switched time division multiplexed network SE WO 99/16215 DES/SPAN-13 0005 (ES 201 803-2) The Signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with clause 6.1 of the ETSI IPR Policy, in respect of the Standard, to the extent that the IPRs remain essential.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	France Telecom DVB Procédé de codage correcteur d'erreurs à au moins deux codages convolutifs systématiques en parallèle, procédé de codage itératif, module de décodage et decodeur correspondant US 5,446,747 US EN 301 790 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	98 106926.9 HK EN 301 790 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	France Telecom DVB Procédé de codage itératif, module de décodage et décodeur correspondant FR 96 107690.8 DE, GB EN 301 790 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	France Telecom DVB Procédé et dispositif de codage à au moins deux codages en parallèle et permutation améliorée du procédé et dispositif de décodage correspondants FR 99 09631 FR EN 301 790 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	France Telecom DVB Procédé et dispositif de codage à au moins deux codages en parallèle et permutation améliorée du procédé et dispositif de décodage correspondants FR PCT FR 00/02080 FR EN 301 790 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	France Telecom DVB Procédé de codage correcteur d'erreurs à au moins deux codages convolutifs systématiques en parallèle, procédé de codage itératif, module de décodage et decodeur correspondant FR 91 05280 FR EN 301 790 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	France Telecom DVB Procédé et dispositif de codage à au moins deux codages en parallèle et permutation améliorée du procédé et dispositif de décodage correspondants US 09/616,782 US EN 301 790 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SES-ASTRA DVB Apparatus and method for generating a carrier frequency EPO PCT/EP00/01037 AU, BR, CA, JP, US TR 101 790 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	France Telecom DVB Procédé et dispositif de codage à au moins deux codages en parallèle et permutation améliorée du procédé et dispositif de décodage correspondants AR P 00 0103733 AR EN 301 790 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SES-ASTRA DVB Apparatus and method for generating a carrier frequency EPO HK00106169.2 HK TR 101 790 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

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Company name:	France Telecom
Project:	DVB
Title:	Procédé de codage correcteur d'erreurs à au moins deux codages convolutifs systématiques
	en parallèle, procédé de codage itératif, module de décodage et decodeur correspondant
Country of registration:	FR
Patent no.:	92 460013.3
Countries applicable:	DE, GB
ETSI Deliverable:	EN 301 790
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SES-ASTRA
Project:	DVB
Title:	Apparatus and method for generating a carrier frequency
Country of registration:	
Application no.:	EP99107496.4
Countries applicable:	EPO
ETSI Deliverable:	TR 101 790
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

ERMES

Company name:	Nexus Telocation Systems, Ltd.
Project:	ERMES
Title:	Remote Position Determination System
Country of registration:	
Patent no.:	0583522
Countries applicable:	AT, FR, DE, IT, NL, GB
Notes:	ERMES 2-Way Paging
Company name:	Guy Le Nouveau
Project:	ERMES
Title:	Module additionnel d'émission radio pour récepteur de radiomessagerie permettant l'émission
	d'un accusé de réception
Country of registration:	
Patent no.:	94 06043
Countries applicable:	FR
Notes:	14 impasse des Verbeuses, 94800 Villejuif, France
Company name:	Nexus Telocation Systems, Ltd.
Project:	ERMES
Title:	Synchronization System For A Shared Channel Communication System
Country of registration:	
Patent no.:	GB96/00268
Notes:	ERMES 2-Way Paging
Company name:	Nexus Telocation Systems, Ltd.
Project:	
Title:	Multi-Path Resistant Frequency-Hopped Spread Spectrum Mobile Location System
Country of registration:	
Patent no.:	IB94/00372
Notes:	ERMES 2-Way Paging
Company name:	Nexus Telocation Systems, Ltd.
Company name: Project:	Nexus Telocation Systems, Ltd. ERMES
Company name: Project: Title:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System
Company name: Project: Title: Country of registration:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT
Company name: Project: Title: Country of registration: Patent no.:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270
Company name: Project: Title: Country of registration:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT
Company name: Project: Title: Country of registration: Patent no.: Notes:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging
Company name: Project: Title: Country of registration: Patent no.:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd.
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Tompany name: Project:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Company name: Project: Title:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Synchronization System for a Shared Channel Communication System
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Synchronization Systems for a Shared Channel Communication System EPO 96901912.4
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Company name: Project: Title: Country of registration:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 3-Way Paging
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Synchronization System for a Shared Channel Communication System EPO 96901912.4 ERMES 2-Way Paging
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Synchronization Systems, Ltd. ERMES Synchronization System for a Shared Channel Communication System EPO 96901912.4 ERMES 2-Way Paging Nexus Telocation Systems, Ltd.
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Synchronization System for a Shared Channel Communication System EPO 96901912.4 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Synchronization Systems, Ltd. ERMES Synchronization System for a Shared Channel Communication System EPO 96901912.4 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes:	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Synchronization System for a Shared Channel Communication System EPO 96901912.4 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation System for a Shared Channel Communication System EPO 96901912.4 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System EPO
Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Company name: Project: Company name: Project: Company name: Project: Company name: Project: Company name: Project: Company name: Project: C	Nexus Telocation Systems, Ltd. ERMES Differential Ranging For A Frequency-Hopped Remote Position Determination System PCT GB96/00270 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System PCT IB94/00370 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Synchronization Systems, Ltd. ERMES Synchronization System for a Shared Channel Communication System EPO 96901912.4 ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES 2-Way Paging Nexus Telocation Systems, Ltd. ERMES Low-Power Frequency-Hopped Spread Spectrum Acknowledgment Paging System

Company name:	Nexus Telocation Systems, Ltd.
Project:	ERMES
Title:	Remote Position Determination System
Country of registration:	
Patent no.:	0583522
Countries applicable:	AT, FR, DE, IT, NL, GB
Notes:	
NOLES.	ERMES 2-Way Paging
Company name:	Nexus Telocation Systems, Ltd.
Project:	ERMES
Title:	Remote Position Determination System
Country of registration:	IT
Patent no.:	0583522
Countries applicable:	AT, FR, DE, IT, NL, GB
Notes:	ERMES 2-Way Paging
Company name:	Nexus Telocation Systems, Ltd.
Project:	ERMES
Title:	Remote Position Determination System
Country of registration:	
Patent no.:	
Countries applicable:	AT, FR, DE, IT, NL, GB
Notes:	ERMES 2-Way Paging
0	
Company name:	Motorola
Project:	ERMES
Title:	Multiple Frequency Message System
Country of registration:	EPO
Application no.:	EP 89909668.9
Company name:	Nexus Telocation Systems, Ltd.
Project:	ERMES
Title:	Pager with Reverse Paging Facility
Country of registration:	
Application no.:	92311872.3
Notes:	ERMES 2-Way Paging
Company name:	Motorola
Project:	ERMES
Title:	Decoder for Transmitted Message Activation Codes
Country of registration:	
	EP 0 090 851
Patent no.:	
	Nexus Telecation Systems 1 td
Company name:	Nexus Telocation Systems, Ltd. ERMES
Project:	
Title:	Remote Position Determination System
Country of registration:	
Patent no.:	0583522
Countries applicable:	AT, FR, DE, IT, NL, GB
Notes:	ERMES 2-Way Paging
Compare	Navus Telessian Oustame Ltd
Company name:	Nexus Telocation Systems, Ltd.
Project:	ERMES
Title:	Two-Way Pager Having Prerecorded Uplink Messages and Pager to Pager Messaging
Title: Country of registration:	PCT
Title:	PCT GB96/00257
Title: Country of registration:	PCT
Title: Country of registration: Patent no.:	PCT GB96/00257 ERMES 2-Way Paging
Title: Country of registration: Patent no.: Notes: Company name:	PCT GB96/00257 ERMES 2-Way Paging Motorola
Title: Country of registration: Patent no.: Notes:	PCT GB96/00257 ERMES 2-Way Paging Motorola ERMES
Title: Country of registration: Patent no.: Notes: Company name:	PCT GB96/00257 ERMES 2-Way Paging Motorola
Title: Country of registration: Patent no.: Notes: Company name: Project:	PCT GB96/00257 ERMES 2-Way Paging Motorola ERMES Power Conservation Method and Apparatus for a Portion of an Information Signal
Title: Country of registration: Patent no.: Notes: Company name: Project: Title:	PCT GB96/00257 ERMES 2-Way Paging Motorola ERMES Power Conservation Method and Apparatus for a Portion of an Information Signal

Company name:	Motorola
Project:	ERMES
Title:	Multiple Format Signalling Protocol for a Selective Call Receiver
Country of registration:	
	EP 92901376.1
Application no.:	EF 92901376.1
Company name:	Motorola
Project:	ERMES
Title:	Nation-wide Paging with Local Modes of Operation
Country of registration:	EPO
Application no.:	EP 90915018.7
Company name:	Motorola
Project:	ERMES
Title:	
	Multiple Frequency Scanning
Country of registration:	
Application no.:	EP 91904526.0
Company name:	Nexus Telocation Systems, Ltd.
Project:	ERMES
Title:	Remote Position Determination System
Country of registration:	
Patent no.:	0583522
Countries applicable:	AT, FR, DE, IT, NL, GB
Notes:	ERMES 2-Way Paging
140165.	LNIVILO Z-VVAY FAYILIY
	Novus Tologotion Systems 1td
Company name:	Nexus Telocation Systems, Ltd.
Project:	ERMES
Title:	Remote Position Determination System
Country of registration:	EPO
Patent no.:	0583522
Countries applicable:	AT, FR, DE, IT, NL, GB
Notes:	ERMES 2-Way Paging

GMR

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Ericsson Mobile Communications GMR Power Booster GB GB 2 251 768 GB TS 101 376 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Ericsson has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specifications TS 101 376-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. These patents, when issued, are expected to be "Essential IPRs" in relation to either or both standards. Ericsson may, from time to time, specifically identify to ETSI such IPRs when isued by the respective Patent Offices in which they are pending.
Company name: Project:	Ericsson Mobile Communications GMR
Title:	Receiver Gain
Country of registration:	GB
Patent no.:	GB 2 233 846
Countries applicable:	GB
ETSI Deliverable:	TS 101 376 (all parts & sub-parts)
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Ericsson has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specifications TS 101 376-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. These patents, when issued, are expected to be "Essential IPRs" in relation to either or both standards. Ericsson may, from time to time, specifically identify to ETSI such IPRs when isued by the respective Patent Offices in which they are pending.
Company name:	Ericsson Mobile Communications
Project: Title:	GMR Transmitter Power Control for Padia Talanhana System
Country of registration:	Transmitter Power Control for Radio Telephone System
Patent no.:	GB 2 233 517
Countries applicable:	GB
ETSI Deliverable:	TS 101 376 (all parts & sub-parts)
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Ericsson has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specifications TS 101 376-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. These patents, when issued, are expected to be "Essential IPRs" in relation to either or both standards. Ericsson may, from time to time, specifically identify to ETSI such IPRs when issued by the respective Patent Offices in which they are pending.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Hughes Network Systems GMR n/a US US Patent application pending US TS 101 377 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Hughes Network Systems has filed patent applications in the U.S and abroad covering various features of ETSI proposed standards DTS/SES-GMR-1 (TS 101 376) and/or DTS/SES-GMR- 2 (TS 101 377). These patents, when issued, are expected to be "Essential IPRs" in relation to either or both standards.
Company name:	Ericsson Mobile Communications
Project:	GMR
Title:	Improvements in, or in relation to, equalisers
Country of registration:	GB
Patent no.:	GB 2 215 567
Countries applicable:	GB
ETSI Deliverable:	TS 101 377 (all parts & sub-parts)
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
	In addition to the above listed patent, Ericsson has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specifications TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. These patents, when issued, are expected to be "Essential IPRs" in relation to either or both standards. Ericsson may, from time to time, specifically identify to ETSI such IPRs when isued by the respective Patent Offices in which they are pending.
Company name:	Ericsson Mobile Communications
Project:	GMR
Title:	Power Booster
Country of registration:	GB
Patent no.:	GB 2 251 768
Countries applicable:	GB
ETSI Deliverable:	TS 101 377 (all parts & sub-parts)
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Ericsson has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specifications TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. These patents, when issued, are expected to be "Essential IPRs" in relation to either or both standards. Ericsson may, from time to time, specifically identify to ETSI such IPRs when issued by the respective Patent Offices in which they are pending.

Company name:	Ericsson Mobile Communications
Project:	GMR
Title:	Receiver Gain
Country of registration:	GB
Patent no.:	GB 2 233 846
Countries applicable:	GB
ETSI Deliverable:	TS 101 377 (all parts & sub-parts)
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Ericsson has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specifications TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. These patents, when issued, are expected to be "Essential IPRs" in relation to either or both standards. Ericsson may, from time to time, specifically identify to ETSI such IPRs when isued by the respective Patent Offices in which they are pending.
Company name: Project:	Ericsson Mobile Communications GMR
Title:	Transmitter Power Control for Radio Telephone System
Country of registration: Patent no.:	GB 2 233 517
Countries applicable:	GB
ETSI Deliverable:	TS 101 377 (all parts & sub-parts)
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Ericsson has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specifications TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. These patents, when issued, are expected to be "Essential IPRs" in relation to either or both standards. Ericsson may, from time to time, specifically identify to ETSI such IPRs when isued by the respective Patent Offices in which they are pending.
Company name:	Hughes Network Systems
Project:	GMR
Title:	n/a
Country of registration:	
Patent no.:	US Patent application pending
Countries applicable:	US TS 101 276 (all parts & sub parts)
ETSI Deliverable: Notes:	TS 101 376 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Hughes Network Systems has filed patent applications in the U.S and abroad covering various features of ETSI proposed standards DTS/SES-GMR-1 (TS 101 376) and/or DTS/SES-GMR- 2 (TS 101 377). These patents, when issued, are expected to be "Essential IPRs" in relation to either or both standards.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Ericsson Mobile Communications GMR Improvements in, or in relation to, equalisers GB GB 2 215 567 GB TS 101 376 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Ericsson has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specifications TS 101 376-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. These patents, when issued, are expected to be "Essential IPRs" in relation to either or both standards. Ericsson may, from time to time, specifically identify to ETSI such IPRs when isued by the respective Patent Offices in which they are pending.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Lockheed Martin Corporation GMR Spacecraft Cellular Communication System US 5,974,314 US TS 101 377 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Digital Voice Systems Inc. (DVSI) GMR n/a US 5,826,222 US TS 101 376 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Digital Voice Systems, Inc. (DVSI) has issued and has pending patents, both in the United States and abroad, which cover numerous aspects of the vocoder technology included in ETSI draft technical specifications TS 101 376-AA-BB, where the suffix - AA-BB refers to all the parts and sub-parts of the above mentioned standard.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Digital Voice Systems Inc. (DVSI) GMR n/a US 5,826,222 US TS 101 377 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Digital Voice Systems, Inc. (DVSI) has issued and has pending patents, both in the United States and abroad, which cover numerous aspects of the vocoder technology included in ETSI draft technical specifications TS 101 377-AA-BB, where the suffix - AA-BB refers to all the parts and sub-parts of the above mentioned standard.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Digital Voice Systems Inc. (DVSI) GMR n/a US 5,754,974 US TS 101 376 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Digital Voice Systems, Inc. (DVSI) has issued and has pending patents, both in the United States and abroad, which cover numerous aspects of the vocoder technology included in ETSI draft technical specifications TS 101 376-AA-BB, where the suffix - AA-BB refers to all the parts and sub-parts of the above mentioned standard.
Company name:	Digital Voice Systems Inc. (DVSI)
Project:	GMR
Title:	n/a
Country of registration:	US
Patent no.: Countries applicable:	5,754,974 US
ETSI Deliverable:	TS 101 377 (all parts & sub-parts)
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Digital Voice Systems, Inc. (DVSI) has issued and has pending patents, both in the United States and abroad, which cover numerous aspects of the vocoder technology included in ETSI draft technical specifications TS 101 377-AA-BB, where the suffix - AA-BB refers to all the parts and sub-parts of the above mentioned standard.
Company name:	Digital Voice Systems Inc. (DVSI)
Project:	GMR
Title:	n/a
Country of registration:	
Patent no.:	5,701,390
Countries applicable:	US
ETSI Deliverable:	TS 101 376 (all parts & sub-parts)
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Digital Voice Systems, Inc. (DVSI) has issued and has pending patents, both in the United States and abroad, which cover numerous aspects of the vocoder technology included in ETSI draft technical specifications TS 101 376-AA-BB, where the suffix - AA-BB refers to all the parts and sub-parts of the above mentioned standard.
Company name:	Lockheed Martin Corporation
Project:	GMR
Title:	Cellular Spacecraft TDMA Communications System with Call Interrupt Coding System for
	Maximizing Traffic Throughput
Country of registration:	US
Patent no.:	5,717,686
Countries applicable:	US TS 101 276 (all parts 8 sub parts)
ETSI Deliverable: Notes:	TS 101 376 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 376-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Lockheed Martin Corporation GMR Cellular Spacecraft TDMA Communications System with Call Interrupt Coding System for Maximizing Traffic Throughput US 5,717,686 US TS 101 377 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Lockheed Martin Corporation GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System US 5,875,182 US TS 101 376 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 376-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Digital Voice Systems Inc. (DVSI) GMR n/a US 5,715,365 US TS 101 377 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Digital Voice Systems, Inc. (DVSI) has issued and has pending patents, both in the United States and abroad, which cover numerous aspects of the vocoder technology included in ETSI draft technical specifications TS 101 377-AA-BB, where the suffix - AA-BB refers to all the parts and sub-parts of the above mentioned standard.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Lockheed Martin Corporation GMR Spacecraft Cellular Communication System US 5,974,314 US TS 101 376 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 376-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Digital Voice Systems Inc. (DVSI) GMR n/a US 5,701,390 US TS 101 377 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Digital Voice Systems, Inc. (DVSI) has issued and has pending patents, both in the United States and abroad, which cover numerous aspects of the vocoder technology included in ETSI draft technical specifications TS 101 377-AA-BB, where the suffix - AA-BB refers to all the parts and sub-parts of the above mentioned standard.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Lockheed Martin Corporation GMR Spacecraft Cellular Communication System US 5, 974,315 US TS 101 376 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 376-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Lockheed Martin Corporation GMR Spacecraft Cellular Communication System US 5, 974,315 US TS 101 377 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Lockheed Martin Corporation GMR Spacecraft Cellular Communication System with Mutual Offset High-Margin Forward Control Signals US 6,072,985 US TS 101 376 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 376-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard.

Company name: Project: Title:	Lockheed Martin Corporation GMR Spacecraft Cellular Communication System with Mutual Offset High-Margin Forward Control Signals
Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	
Company name: Project: Title:	Lockheed Martin Corporation GMR 2.4-to-3 KBPS Rate Adaptation Apparatus for Use in Narrowband Data and Facsimile Communication Systems
Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	
Company name: Project: Title:	Lockheed Martin Corporation GMR 2.4-to-3 KBPS Rate Adaptation Apparatus for Use in Narrowband Data and Facsimile Communication Systems
Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	US 6,108,348 US TS 101 377 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard.

Company name:	Lockheed Martin Corporation
Project:	GMR
Title:	Spacecraft Cellular Communication System with Spot Beam Pairing for Reduced Updates
Country of registration: Patent no.:	US 6,118,998
Countries applicable:	US
ETSI Deliverable:	TS 101 376 (all parts & sub-parts)
Notes:	Lockheed Martin Corporation, acting through its agent Lockheed Martin Global
	Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences
	under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI
	IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
	In addition to the above listed patent, Lockheed Martin Corporation has filed patent
	applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 376-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts
	of the above-mentioned standard. The patents that have been granted and those that will be
	issued, are expected to be "Essential IPRs" in relation to the standard.
Company name:	Lockheed Martin Corporation
Project:	GMR
Title:	Spacecraft Cellular Communication System with Spot Beam Pairing for Reduced Updates US
Country of registration: Patent no.:	6,118,998
Countries applicable:	US
ETSI Deliverable:	TS 101 377 (all parts & sub-parts)
Notes:	Lockheed Martin Corporation, acting through its agent Lockheed Martin Global
	Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences
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	specification TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts
	of the above-mentioned standard. The patents that have been granted and those that will be
	issued, are expected to be "Essential IPRs" in relation to the standard.
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	Lookbood Martin Corporation
Company name: Project:	Lockheed Martin Corporation
Company name: Project: Title:	GMR
Project:	GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System
Project: Title: Country of registration: Patent no.:	GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System
Project: Title: Country of registration: Patent no.: Countries applicable:	GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System US 5,875,182 US
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System US 5,875,182 US TS 101 377 (all parts & sub-parts)
Project: Title: Country of registration: Patent no.: Countries applicable:	GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System US 5,875,182 US TS 101 377 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System US 5,875,182 US TS 101 377 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard.
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System US 5,875,182 US TS 101 377 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard. Digital Voice Systems Inc. (DVSI) GMR n/a US 5,226,084 US TS 101 377 (all parts & sub-parts)
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System US 5,875,182 US TS 101 377 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard.
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System US 5,875,182 US TS 101 377 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard. Digital Voice Systems Inc. (DVSI) GMR n/a US 5,226,084 US TS 101 377 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Digital Voice Systems, Inc. (DVSI) has issued and has pending patents, both in the United
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System US 5,875,182 US TS 101 377 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard. Digital Voice Systems Inc. (DVSI) GMR n/a US 5,226,084 US TS 101 377 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Digital Voice Systems, Inc. (DVSI) has issued and has pending patents, both in the United States and abroad, which cover numerous aspects of the vocoder technology included in
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GMR Enhanced Access Burst for Random Access Channels in TDMA Mobile Satellite System US 5,875,182 US TS 101 377 (all parts & sub-parts) Lockheed Martin Corporation, acting through its agent Lockheed Martin Global Telecommunications Inc., hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. In addition to the above listed patent, Lockheed Martin Corporation has filed patent applications in the U.S and abroad covering various features of ETSI draft technical specification TS 101 377-AA-BB, where the suffix -AA-BB refers to all the parts and sub-parts of the above-mentioned standard. The patents that have been granted and those that will be issued, are expected to be "Essential IPRs" in relation to the standard. Digital Voice Systems Inc. (DVSI) GMR n/a US 5,226,084 US TS 101 377 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Digital Voice Systems, Inc. (DVSI) has issued and has pending patents, both in the United

Company name:	Digital Voice Systems Inc. (DVSI)
Project:	GMR
Title:	n/a
Country of registration:	US
Patent no.:	5,715,365
Countries applicable:	US
ETSI Deliverable:	TS 101 376 (all parts & sub-parts)
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
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Company name:	Digital Voice Systems Inc. (DVSI)
Company name: Project:	Digital Voice Systems Inc. (DVSI) GMR
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Project: Title:	GMR n/a
Project:	GMR n/a
Project: Title: Country of registration: Patent no.:	GMR n/a US
Project: Title: Country of registration:	GMR n/a US 5,226,084 US
Project: Title: Country of registration: Patent no.: Countries applicable:	GMR n/a US 5,226,084 US TS 101 376 (all parts & sub-parts)
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GMR n/a US 5,226,084 US TS 101 376 (all parts & sub-parts) The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Digital Voice Systems, Inc. (DVSI) has issued and has pending patents, both in the United

GPRS

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method for administering additional services in a mobile communication network DE EP 0 793 394 EPO GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project: Title:	GPRS Process for transmitting data packets from mobile stations to base stations in mobile radio
nue.	systems operated on the time multiplex system
Country of registration:	DE
Patent no.: Countries applicable:	DE 195 34 15 DE
ETSI Deliverable:	GSM 03.64 V6.0.1
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project:	GPRS
Title:	Method and arrangement for transmitting data between a cellularly constructed mobile
Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	EP 0 771 125 EPO GSM 03.64 V6.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS GPRS
Project: Title:	Method and arrangement for transmitting data between a cellularly constructed mobile
	radiotelephone network and a mobile subscriber station
Country of registration: Patent no.:	DE US 5 943 327
Countries applicable:	US 5 943 327 US
ETSI Deliverable: Notes:	GSM 03.64 V6.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method and radio station for the transmission of data by way of a GSM mobile radio network DE WO97/24891 EPO GSM 03.64 V6.0.1 GSM 04.08 V6.7.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method and radio station for the transmission of data by way of a GSM mobile radio network DE CN / 1212107 CN GSM 03.64 V6.0.1 GSM 04.08 V6.7.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method and radio station for the transmission of data by way of a GSM mobile radio network DE DE 195 49 009 DE GSM 03.64 V6.0.1 GSM 04.08 V6.7.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method and radio station for the transmission of data by way of a GSM mobile radio network DE US 6 138 028 US GSM 03.64 V6.0.1 GSM 04.08 V6.7.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Process and device for data transmission in a cellular radio system DE WO97/25827 US GSM 03.64 V6.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Process and device for data transmission in a cellular radio system DE EP 0 872 148 EPO GSM 03.64 V6.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Process and device for data transmission in a cellular radio system DE CN / 1207231 CN GSM 03.64 V6.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Process and device for data transmission in a cellular radio system DE DE 196 00 197 DE GSM 03.64 V6.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable:	De Te Mobil GmbH GPRS Verfahren zur paketweisen Datenübermittlung in einem Mobilfunknetz PCT PCT/DE/00121 AT, BE, CH, LI, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, AU, BG, BR, CA, CN, CZ, JP, KR, PL, RU, SK, UA, US

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method for administering additional services in a mobile communication network DE CN / 1160330 CN GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Broject:	SIEMENS GPRS
Project: Title:	Method for administering additional services in a mobile communication network
Country of registration:	
Application no.:	IN / 266/CAL/97
Countries applicable: ETSI Deliverable:	IN GSM 03.18 V6.5.0
	GSM 03.16 V7.2.0
	GSM 03.78 V6.1.1
Notes:	TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
Notes.	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project: Title:	GPRS
Country of registration:	GPRS continuous timing advance update DE
Application no.:	WO98/23105
Countries applicable:	US
ETSI Deliverable: Notes:	GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
NOLES.	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
Company name:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS
Project:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS
Project: Title:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Quality of Service dependent paging in GPRS
Project:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Quality of Service dependent paging in GPRS
Project: Title: Country of registration: Application no.: Countries applicable:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Quality of Service dependent paging in GPRS DE EP 0 974 236 EPO
Project: Title: Country of registration: Application no.:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Quality of Service dependent paging in GPRS DE EP 0 974 236 EPO GSM 05.02, V7.3.0
Project: Title: Country of registration: Application no.: Countries applicable:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Quality of Service dependent paging in GPRS DE EP 0 974 236 EPO GSM 05.02, V7.3.0 GSM 04.60, V7.2.0
Project: Title: Country of registration: Application no.: Countries applicable:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Quality of Service dependent paging in GPRS DE EP 0 974 236 EPO GSM 05.02, V7.3.0
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Quality of Service dependent paging in GPRS DE EP 0 974 236 EPO GSM 05.02, V7.3.0 GSM 04.60, V7.2.0 GSM 03.64, V7.1.0 GSM 08.18, V7.2.0 GSM 04.08, V7.4.0
Project: Title: Country of registration: Application no.: Countries applicable:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Quality of Service dependent paging in GPRS DE EP 0 974 236 EPO GSM 05.02, V7.3.0 GSM 04.60, V7.2.0 GSM 03.64, V7.1.0 GSM 08.18, V7.2.0 GSM 04.08, V7.4.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Quality of Service dependent paging in GPRS DE EP 0 974 236 EPO GSM 05.02, V7.3.0 GSM 04.60, V7.2.0 GSM 03.64, V7.1.0 GSM 08.18, V7.2.0 GSM 04.08, V7.4.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Quality of Service dependent paging in GPRS DE EP 0 974 236 EPO GSM 05.02, V7.3.0 GSM 04.60, V7.2.0 GSM 03.64, V7.1.0 GSM 08.18, V7.2.0 GSM 04.08, V7.4.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Quality of Service dependent paging in GPRS DE EP 0 974 236 EPO GSM 05.02, V7.3.0 GSM 04.60, V7.2.0 GSM 04.60, V7.2.0 GSM 08.18, V7.2.0 GSM 08.18, V7.2.0 GSM 04.08, V7.4.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Interception in wireless networks DE CN / 1271501 CN GSM 03.33 V7.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	IPRs remain ESSENTIAL. SIEMENS GPRS Interception in wireless networks DE EP 1 016 304 EPO GSM 03.33 V7.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method and mobile communication system for supporting portability of a mobile subscriber telephone number DE DE 197 09 713 DE GSM 03.66 V7.3.1 GSM 02.66 V7.1.0 TS 22.066 V3.0.1 TS 23.066 V3.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Quality of Service dependent paging in GPRS DE ZA / 98/1425 ZA GSM 05.02, V7.3.0 GSM 04.60, V7.2.0 GSM 04.60, V7.2.0 GSM 03.64, V7.1.0 GSM 04.08, V7.4.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Process and device for data transmission in a cellular radio system DE RU / 98114847 RU GSM 03.64 V6.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method for the use of services by network subscribers DE FI / 955737 FI GSM 03.78 V6.1.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Telecommunications network as well as subscriber stations and central station for a Telecommunications network DE DE 36 38 735 DE GSM 03.03 V7.5.0 GSM 02.16 V7.2.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Device for point-to-point wire-free transmission of speech DE DE 32 25 443 DE GSM 05.05 V8.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method for jam-resistant communication transmission DE US 4 843 612 US GSM 06.31 V8.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method for jam-resistant communication transmission DE CA 1238951 CA GSM 06.31 V8.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE IN / 1533/CAL/97 IN GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE CN / 1180285 CN GSM 03.79 V5.2.0 TS 23.079 V5.2.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	SIEMENS
Project: Title:	GPRS Brocose and base station system for configuring an air interface between a mobile station and
nue.	Process and base station system for configuring an air interface between a mobile station and a base station in a time-division multiplex mobile radio telephone system for packet data
	transmission
Country of registration:	
Application no.:	CN / 1238104
Countries applicable:	CN
ETSI Deliverable:	GSM 03.64 V6.0.1
	GSM 04.60 V8.4.1
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
	IPRS Temain ESSENTIAL.
Company name:	SIEMENS
Project:	GPRS
Title:	Method and system for determining the location of a mobile radio communication subscriber
1110.	registered in a cellular mobile radiotelephone network
Country of registration:	
Application no.:	EP 0 827 355
Countries applicable:	EPO
ETSI Deliverable:	GSM 03.79 V5.2.0
	TS 23.079 V3.3.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project:	GPRS
Title:	Method for administering additional services in a mobile communication network
Title: Country of registration:	Method for administering additional services in a mobile communication network DE
Country of registration: Patent no.:	
Country of registration: Patent no.: Countries applicable:	DE ZA / 97/1770 ZA
Country of registration: Patent no.:	DE ZA / 97/1770 ZA GSM 03.18 V6.5.0
Country of registration: Patent no.: Countries applicable:	DE ZA / 97/1770 ZA GSM 03.18 V6.5.0 GSM 03.16 V7.2.0
Country of registration: Patent no.: Countries applicable:	DE ZA / 97/1770 ZA GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1
Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	DE ZA / 97/1770 ZA GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0
Country of registration: Patent no.: Countries applicable:	DE ZA / 97/1770 ZA GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
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Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project:	DE ZA / 97/1770 ZA GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS
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Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	DE ZA / 97/1770 ZA GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above.The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method for administering additional services in a mobile communication network DE US 6 085 105 US GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.78 V6.1.1
Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	DE ZA / 97/1770 ZA GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method for administering additional services in a mobile communication network DE US 6 085 105 US GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.18 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
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Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	DE ZA / 97/1770 ZA GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method for administering additional services in a mobile communication network DE US 6 085 105 US GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	IN / 1555/CAL/96 IN GSM 03.64 V6.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	SIEMENS GPRS Mothed for actting up a connection between a plurality of collular networks
Country of registration:	
Patent no.: Countries applicable:	EP 0 675 663 EPO
ETSI Deliverable:	GSM 03.18 V6.5.0 GSM 02.79 V6.0.0
Notes:	TS 22.079 V3.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	De Te Mobil GmbH GPRS
Title: Country of registration:	Verfahren zur paketweisen Datenübermittlung in einem Mobilfunknetz
Application no.: Countries applicable:	DE 44 02 903 DE
Company name: Project:	SIEMENS GPRS
Title:	Method for the use of services by network subscribers
Country of registration: Patent no.:	DE EP 0 715 473
Countries applicable: ETSI Deliverable:	EPO GSM 03.78 V6.1.1
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	SIEMENS GPRS
Title:	Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network
Country of registration:	DE
Application no.: Countries applicable:	EP 0 732 861 EPO
ETSI Deliverable:	GSM 03.78 V6.1.1 TS 29.002 V3.6.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	SIEMENS
Project:	GPRS
Title:	Method for the transmission of subscriber data between network nodes in at least one
	communications network supporting the structure of an intelligent network
Country of registration:	DE
Application no.:	FI / 961174
Countries applicable:	FI
ETSI Deliverable:	GSM 03.78 V6.1.1
	TS 29.002 V3.6.0
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Company name:	SIEMENS
Project:	GPRS
Title:	Method for the transmission of subscriber data between network nodes in at least one
	communications network supporting the structure of an intelligent network
Country of registration:	
Application no.:	CN / 1137714
Countries applicable:	CN
ETSI Deliverable:	GSM 03.78 V6.1.1
	TS 29.002 V3.6.0
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	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project:	GPRS
	GPRS Method for the transmission of subscriber data between network nodes in at least one
Project: Title:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network
Project: Title: Country of registration:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE
Project: Title: Country of registration: Patent no.:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network
Project: Title: Country of registration: Patent no.: Countries applicable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US
Project: Title: Country of registration: Patent no.:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1
Project: Title: Country of registration: Patent no.: Countries applicable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0
Project: Title: Country of registration: Patent no.: Countries applicable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above.The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE DE 19509000 DE GSM 03.78 V6.1.1
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE DE 19509000 DE GSM 03.78 V6.1.1 TS 29.002 V3.6.0
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE DE 19509000 DE GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE DE 19509000 DE GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE US 5 839 076 US GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE DE 19509000 DE GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method of transmitting data packets according to a packet data service in a cellular mobile radio network provided for voice and data-transmission DE WO97/02712 CN, EPO, US GSM 08.18 V8.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	DE 195 24 659 DE GSM 08.18 V8.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Process for transmitting data packets from mobile stations to base stations in mobile radio systems operated on the time multiplex system DE WO97/10685 US, EPO GSM 03.64 V6.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Process for transmitting data packets from mobile stations to base stations in mobile radio systems operated on the time multiplex system DE TW / 85111034 TW GSM 03.64 V6.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Interception in wireless networks DE DE 197 41 216 DE GSM 03.33 V7.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	DE 196 08 464 DE GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Application no.: Countries applicable: ETSI Deliverable:	EP 1 064 810 EPO GSM 04.08 V6.7.0 GSM 02.07 V6.1.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method and arrangement for transmitting information in a digital radio system DE EP 0 671 824 FI, EPO GSM 03.64, V6.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project:	GPRS
Title:	Process and base station system for configuring an air interface between a mobile station and a base station in a time-division multiplex mobile radio telephone system for packet data transmission
Country of registration: Application no.:	DE IN / 2159/CAL/97
Countries applicable:	IN / 2159/CALI97
ETSI Deliverable:	GSM 03.64 V6.0.1
	GSM 04.60 V8.4.1
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project:	GPRS
Title:	Process and base station system for configuring an air interface between a mobile station and a base station in a time-division multiplex mobile radio telephone system for packet data transmission
Country of registration:	
Application no.:	EP 0 938 820
Countries applicable:	EPO
ETSI Deliverable:	GSM 03.64 V6.0.1
	GSM 04.60 V8.4.1
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project:	GPRS
Title:	Process and base station system for configuring an air interface between a mobile station and
	a base station in a time-division multiplex mobile radio telephone system for packet data
Country of registration:	transmission DF
Application no.:	WO98/23106
Countries applicable:	BR, SG, UA, US
ETSI Deliverable:	GSM 03.64 V6.0.1
	GSM 05.02 V6.2.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	SIEMENS
Project:	GPRS
Title:	Method and mobile communication system for routeing of call connections
Country of registration:	
Application no.:	DE 19635581
Countries applicable:	
ETSI Deliverable:	GSM 03.18 V6.5.0
	GSM 03.79 V5.2.0
	TS 23.079 V3.3.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project:	GPRS
Title:	Process and base station system for configuring an air interface between a mobile station and
	a base station in a time-division multiplex mobile radio telephone system for packet data
	transmission
Country of registration:	
Application no.:	
	WO98/23104
Countries applicable:	US
ETSI Deliverable:	GSM 03.64 V6.0.1
	GSM 04.60 V8.4.1
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
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	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
<u>-</u>	
Company name:	SIEMENS
Project:	GPRS
	GPRS Method and system for determining the location of a mobile radio communication subscriber
Project: Title:	GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network
Project: Title:	GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network
Project: Title: Country of registration:	GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE
Project: Title: Country of registration: Patent no.:	GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE JP 2977154
Project: Title: Country of registration: Patent no.: Countries applicable:	GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE JP 2977154 JP
Project: Title: Country of registration: Patent no.:	GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE JP 2977154 JP GSM 03.79 V5.2.0
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE JP 2977154 JP GSM 03.79 V5.2.0 TS 23.079 V3.3.0
Project: Title: Country of registration: Patent no.: Countries applicable:	GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE JP 2977154 JP GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
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Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	DE 19812215 DE GSM 04.08 V6.7.0 GSM 02.07 V6.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project: Title:	GPRS Method, mobile station and radio communication system for controlling safety related
	functions in communication handling
Country of registration:	
Application no.: Countries applicable:	WO99/48318 US
ETSI Deliverable:	GSM 04.08 V6.7.0
••	GSM 02.07 V6.1.0
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	IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project:	GPRS
Project: Title:	GPRS GPRS continuous timing advance update
Project:	GPRS GPRS continuous timing advance update
Project: Title: Country of registration: Patent no.: Countries applicable:	GPRS GPRS continuous timing advance update DE ZA / 97/10371 ZA
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS GPRS continuous timing advance update DE ZA / 97/10371 ZA GSM 03.64
Project: Title: Country of registration: Patent no.: Countries applicable:	GPRS GPRS continuous timing advance update DE ZA / 97/10371 ZA GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS GPRS continuous timing advance update DE ZA / 97/10371 ZA GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title:	GPRS GPRS continuous timing advance update DE ZA / 97/10371 ZA GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Patent no.:	GPRS GPRS continuous timing advance update DE ZA / 97/10371 ZA GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GPRS GPRS continuous timing advance update DE ZA / 97/10371 ZA GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE DE 19635581 DE
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Patent no.:	GPRS GPRS continuous timing advance update DE ZA / 97/10371 ZA GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE DE 19635581 DE GSM 03.79 V5.2.0
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GPRS GPRS continuous timing advance update DE ZA / 97/10371 ZA GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE DE 19635581 DE GSM 03.79 V5.2.0 TS 23.079 V3.3.0
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS GPRS continuous timing advance update DE ZA / 97/10371 ZA GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE DE 19635581 DE GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GPRS GPRS continuous timing advance update DE ZA / 97/10371 ZA GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE DE 19635581 DE GSM 03.79 V5.2.0 Ts 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
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Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE KR / 24254/98 KR GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS GPRS continuous timing advance update DE TW / 104001 TW GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Process and base station system for configuring an air interface between a mobile station and a base station in a time-division multiplex mobile radio telephone system for packet data transmission DE ZA / 97/10374 ZA GSM 03.64 V6.0.1 GSM 04.60 V8.4.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS GPRS continuous timing advance update DE EP 0 938 821 EPO GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the

Company name:	SIEMENS
Project:	GPRS
Title:	Method, mobile station and radio communication system for controlling safety related
	functions in communication handling
Country of registrations	
Country of registration:	
Application no.:	KR / 7010361/00
Countries applicable:	KR
ETSI Deliverable:	GSM 04.08 V6.7.0
	GSM 02.07 V6.1.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
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	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project:	GPRS
Title:	Quality of Service dependent paging in GPRS
Country of registration:	
Patent no.:	DE 19707261
Countries applicable:	DE
ETSI Deliverable:	GSM 05.02, V7.3.0
	GSM 04.60, V7.2.0
	GSM 03.64, V7.1.0
	GSM 08.18, V7.2.0
	GSM 04.08, V7.4.0
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	IPRs remain ESSENTIAL.
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Company name:	IPRs remain ESSENTIAL.
Project:	IPRs remain ESSENTIAL. SIEMENS GPRS
	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber
Project:	IPRs remain ESSENTIAL. SIEMENS GPRS
Project: Title:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network
Project: Title: Country of registration:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE
Project: Title: Country of registration: Patent no.:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198
Project: Title: Country of registration: Patent no.: Countries applicable:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US
Project: Title: Country of registration: Patent no.:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0
Project: Title: Country of registration: Patent no.: Countries applicable:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS GPRS continuous timing advance update DE
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Application no.: Countries applicable:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS GPRS continuous timing advance update DE AU / 73051/98 AU
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS GPRS continuous timing advance update DE AU / 73051/98 AU GSM 03.64
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS GPRS GPRS CONTINUOUS timing advance update DE AU / 73051/98 AU GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards ISTEMENS GPRS GPRS GPRS GPRS GPRS GPRS GPRS GPR
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS GPRS GPRS AU GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS GPRS GPRS GPRS GPRS Continuous timing advance update DE AU / 73051/98 AU GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they IPRs remain ESSENTIAL.
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS GPRS continuous timing advance update DE AU / 73051/98 AU GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Notes: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	IPRs remain ESSENTIAL. SIEMENS GPRS Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6 035 198 US GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GPRS GPRS GPRS GPRS GPRS Continuous timing advance update DE AU / 73051/98 AU GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS GPRS continuous timing advance update DE AR / P970105383 AR GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project: Title:	GPRS Method, mobile station and radio communication system for controlling safety related
nue.	functions in communication handling
Country of registration: Application no.:	DE JP / 12-537394
Countries applicable:	JP / 12-537394 JP
ETSI Deliverable:	GSM 04.08 V6.7.0
Notes:	GSM 02.07 V6.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project: Title:	GPRS Process and base station system for configuring an air interface between a mobile station and
	a base station in a time-division multiplex mobile radio telephone system for packet data transmission
Country of registration: Application no.:	DE EP 0 938 822
Countries applicable:	EPO
ETSI Deliverable:	GSM 03.64 V6.0.1 GSM 05.02 V6.2.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project: Title:	GPRS Process and base station system for configuring an air interface between a mobile station and
	a base station in a time-division multiplex mobile radio telephone system for packet data
Country of registration:	transmission DE
Application no.:	CN / 1238107
Countries applicable: ETSI Deliverable:	CN CSM 03 64 V6 0 1
	GSM 03.64 V6.0.1 GSM 05.02 V6.2.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

ETSI

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Process and base station system for configuring an air interface between a mobile station and a base station in a time-division multiplex mobile radio telephone system for packet data transmission DE IN / 2160/CAL/97 IN GSM 03.64 V6.0.1 GSM 03.64 V6.0.1 GSM 05.02 V6.2.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	WO98/38818 US GSM 05.02, V7.3.0 GSM 04.60, V7.2.0 GSM 03.64, V7.1.0 GSM 08.18, V7.2.0 GSM 04.08, V7.4.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Method and mobile communication system for routeing of call connections DE WO98/23117 US GSM 03.18 V6.5.0 GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Process and base station system for configuring an air interface between a mobile station and a base station in a time-division multiplex mobile radio telephone system for packet data transmission DE DE 19647629 DE GSM 03.64 V6.0.1 GSM 05.02 V6.2.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS GPRS continuous timing advance update DE IN / 2158/CAL/97 IN GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS GPRS continuous timing advance update DE CN / 1238108 CN GSM 03.64 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above.The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GPRS Process and base station system for configuring an air interface between a mobile station and a base station in a time-division multiplex mobile radio telephone system for packet data transmission DE ZA / 97/1037 ZA GSM 03.64 V6.0.1 GSM 05.02 V6.2.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

GSM

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Company name:	BT
Project:	GSM
Title:	Telecommunications System
Country of registration:	
Application no.:	9603021-8
Countries applicable:	SG
ETSI Deliverable:	GSM 03.93 and GSM 04.93
Company name:	Nokia Corporation
Project:	GSM
Title:	HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS
Country of registration:	
Application no.:	8-526637
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
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Company name:	BT
Project:	GSM
Title:	Telecommunications System
Country of registration:	
Application no.:	96-500499
Countries applicable:	JP
ETSI Deliverable:	GSM 03.93 and GSM 04.93
ETSI Deliverable:	GSW 03.93 and GSW 04.93
Company name:	ВТ
Project:	GSM
Title:	Telecommunications System
Country of registration:	
Application no.:	706250/96
Countries applicable:	KR
ETCI Dalivarahlar	
ETSI Deliverable:	GSM 03.93 and GSM 04.93
Company name:	BT
Company name: Project:	BT GSM
Company name:	BT
Company name: Project: Title:	BT GSM Telecommunications System
Company name: Project: Title: Country of registration:	BT GSM Telecommunications System NZ
Company name: Project: Title: Country of registration: Patent no.:	BT GSM Telecommunications System NZ 285839
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	BT GSM Telecommunications System NZ 285839 NZ, PCT
Company name: Project: Title: Country of registration: Patent no.:	BT GSM Telecommunications System NZ 285839
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Notes:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Notes:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM US
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM US 08/732467
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Project: Title:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM US 08/732467 5805301
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM US 08/732467 5805301 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Project: Title:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM US 08/732467 5805301 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Project: Title:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM US 08/732467 5805301 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Project: Title:	BT GSM Telecommunications System NZ 285839 NZ, PCT GSM 03.93 and GSM 04.93 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS KR 706020/1997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM US 08/732467 5805301 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with

Company name: Project: Title: Country of registration: Application no.: Notes:	97101623,7 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM TRANSCODER WITH PREVENTION OF TANDEM CODING OF SPEECH FI 951807 101439 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM TRANSCODER WITH PREVENTION OF TANDEM CODING OF SPEECH AU 53363/96 705619 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM TRANSCODER WITH PREVENTION OF TANDEM CODING OF SPEECH CA 2217693 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM TRANSCODER WITH PREVENTION OF TANDEM CODING OF SPEECH CN 96193866,8 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS HK 98102849,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS EPO 96904117,7 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS CN 96192381,4 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM NO 964687 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM EPO 96904119 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS US 08/913558 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM FI 951020 100213 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM SG 9611824-5 34817 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM AU 4833496 702866 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM CA 2188788 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM CN 96190165,9 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM KR 706268 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS NO 974099 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	BT
Project:	GSM
Title:	Telecommunications System
Country of registration:	
Application no.:	708/MAS/95 IN
Countries applicable: ETSI Deliverable:	GSM 03.93 and GSM 04.93
LISI Deliverable.	Com 03.35 and Com 04.35
Company name:	BT
Project:	GSM
Title:	Telecommunications System
Country of registration:	
Patent no.:	685280
Countries applicable:	AU
ETSI Deliverable:	GSM 03.93 and GSM 04.93
Company name:	Nokia Corporation
Project:	GSM
Title:	HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS
Country of registration:	
Application no.:	
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Title:	HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS
Country of registration:	SG
Application no.:	9705652-7
Patent no.:	50110
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Title:	FACSIMILE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM
Country of registration:	
Application no.:	8526639
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
	Data at Data to Orabili
Company name:	Robert Bosch GmbH
Project: Title:	GSM Data transmission method especially in GSM communication system
Country of registration:	Data transmission method especially in GSM communication system
Application no.:	96934415.9
Countries applicable:	BE, CH, DE, ES, FI, FR, GB, IT, NL, SE
ETSI Deliverable:	GSM 04.53
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Composition	DT
Company name:	BT
Project:	GSM
Project: Title:	GSM Telecommunications System
Project: Title: Country of registration:	GSM Telecommunications System FI
Project: Title: Country of registration: Application no.:	GSM Telecommunications System
Project: Title: Country of registration:	GSM Telecommunications System FI 964659

Company name:	BT
Project:	GSM
Title:	Telecommunications System
Country of registration:	
Patent no.:	285840
Countries applicable:	NZ, PCT
ETSI Deliverable:	GSM 03.93 and GSM 04.93
ETO Deliverable.	Com 03.35 and Com 04.35
Company name:	Nokia
	GSM
Project: Title:	
	Telecommunications system
Country of registration:	
Application no.:	950419
Patent no.:	FI 99066
ETSI Deliverable:	GSM 05.02
Company name:	Nokia Corporation
Project:	GSM
Title:	METHOD FOR USING APPLICATIONS IN A MOBILE STATION, A MOBILE STATION AND
	A SYSTEM FOR EFFECTING PAYMENTS
Country of registration:	US
Application no.:	08/597845
Patent no.:	5887266
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
	Tentain EUGENTIAE.
Company name:	Nokia Corporation
Project:	GSM
Title:	HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS
Country of registration:	
Application no.:	951019
Patent no.:	
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
	N1.11
Company name:	Nokia
Project:	GSM
Title:	System for transmitting packet data in digital cellular time division multiple access (TDMA) air
	interface
Country of registration:	CN
Application no.:	95105074.5
ETSI Deliverable:	GSM 03.64
Company name:	Nokia
Project:	GSM
Title:	System for transmitting packet data in digital cellular time division multiple access (TDMA) air
	interface
Country of registration:	EPO
Application no.:	95303040.0
Countries applicable:	NL, IT, AT, FR, SE, CH, DE, GB
ETSI Deliverable:	GSM 03.64
Company name:	Nokia
Project:	GSM
Title:	System for transmitting packet data in digital cellular time division multiple access (TDMA) air
	interface
Country of registration:	
Application no.:	942038
Patent no.:	FI 98426
ETSI Deliverable:	GSM 03.64

Company nome	Nakia
Company name:	Nokia GSM
Project:	
Title:	System for transmitting packet data in digital cellular time division multiple access (TDMA) air
	interface
Country of registration:	
Application no.:	431559
Patent no.:	US 5640395
ETSI Deliverable:	GSM 03.64
Company name:	Nokia
Project:	GSM
Title:	Dynamic codebook for efficient speech coding based on algebraic codes
Country of registration:	
Application no.:	2010830
Patent no.:	CA 2010830
ETSI Deliverable:	GSM 6.60
Company name:	Nokia
Project:	GSM
Title:	Telecommunications system
Country of registration:	
Application no.:	19546577.6
ETSI Deliverable:	
ETSI Deliverable:	GSM 05.02
Company name:	Nokia Corporation
	GSM
Project: Title:	
The:	METHOD FOR USING APPLICATIONS IN A MOBILE STATION, A MOBILE STATION AND
• • • • • •	A SYSTEM FOR EFFECTING PAYMENTS
Country of registration:	
Application no.:	96191948,5
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia
Project:	Nokia GSM
Project: Title:	Nokia GSM Telecommunications system
Project: Title: Country of registration:	Nokia GSM Telecommunications system
Project: Title:	Nokia GSM Telecommunications system
Project: Title: Country of registration:	Nokia GSM Telecommunications system FR
Project: Title: Country of registration: Application no.:	Nokia GSM Telecommunications system FR 9514959
Project: Title: Country of registration: Application no.: Patent no.:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02 Nokia GSM
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02 Nokia GSM Telecommunications system
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02 Nokia GSM Telecommunications system GB
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02 Nokia GSM Telecommunications system
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02 Nokia GSM Telecommunications system GB 9525966.9 GSM 05.02
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02 Nokia GSM Telecommunications system GB 9525966.9 GSM 05.02 Nokia
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Country of registration: Application no.: ETSI Deliverable:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02 Nokia GSM Telecommunications system GB 9525966.9 GSM 05.02 Nokia GSM Telecommunications system SE 9504541-5 GSM 05.02
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02 Nokia GSM Telecommunications system GB 9525966.9 GSM 05.02 Nokia GSM Telecommunications system SE 9504541-5 GSM 05.02 Nokia
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Country of registration: Application no.: ETSI Deliverable:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02 Nokia GSM Telecommunications system GB 9525966.9 GSM 05.02 Nokia GSM Telecommunications system SE 9504541-5 GSM 05.02 Nokia
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02 Nokia GSM Telecommunications system GB 9525966.9 GSM 05.02 Nokia GSM Telecommunications system SE 9504541-5 GSM 05.02 Nokia GSM
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	Nokia GSM Telecommunications system FR 9514959 FR 2730117 GSM 05.02 Nokia GSM Telecommunications system GB 9525966.9 GSM 05.02 Nokia GSM Telecommunications system SE 9504541-5 GSM 05.02 Nokia GSM Telecommunications system SE 9504541-5 GSM 05.02

Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable:	Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system FI FI 942191 FI 96468 GSM 05.02, GSM 05.08
Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable:	Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system PCT PCT/FI95/00249 WO 9531879 GSM 05.02, GSM 05.08
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable:	Nokia GSM Telecommunications system AU 42618/96 GSM 05.02
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM GB 9525966,9 2297669 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM PACKET RADIO SYSTEM AND METHODS FOR A PROTOCOL-INDEPENDENT ROUTING OF A DATA PACKET IN PACKET RADIO NETWORKS US 08/875464 5970059 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM FI 950419 99066 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM AU 42618/96 694928 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM CH 03511/95 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM CN 95197523,4 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM DE 19546577,6 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	Nokia Corporation GSM METHOD FOR USING APPLICATIONS IN A MOBILE STATION, A MOBILE STATION AND A SYSTEM FOR EFFECTING PAYMENTS JP
Application no.: Notes:	8-524688 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM FR 9514959 9514959 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM METHOD FOR USING APPLICATIONS IN A MOBILE STATION, A MOBILE STATION AND A SYSTEM FOR EFFECTING PAYMENTS EPO 96901820,9 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM JP 8-523281 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM NL 1001927 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM SE 9504541-5 506999 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM US 08/875652 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD FOR USING APPLICATIONS IN A MOBILE STATION, A MOBILE STATION AND A SYSTEM FOR EFFECTING PAYMENTS FI 950685 99071 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	GSM
Title:	METHOD FOR USING APPLICATIONS IN A MOBILE STATION, A MOBILE STATION AND
	A SYSTEM FOR EFFECTING PAYMENTS
Country of registration:	
Application no.:	46247/96
Patent no.:	696876
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia
Project:	GSM
Title:	Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile
	Telecommunications system
Country of registration:	
Application no.: Patent no.:	EP 95918002.7 EP 709015
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 05.02, GSM 05.08
LISI Deliverable.	CSIN 03.02, CSIN 03.00
Company name:	Nokia Corporation
Project:	GSM
Title:	METHOD TO REALIZE DISCONTINUOUS TRANSMISSION IN A MOBILE PHONE SYSTEM
Country of registration:	
Application no.:	9502309
Patent no.:	9502309
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia
Project:	GSM
Project: Title:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech
Project: Title: Country of registration:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA
Project: Title: Country of registration: Application no.:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852
Project: Title: Country of registration: Application no.: Patent no.:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852
Project: Title: Country of registration: Application no.:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08 Nokia GSM Vector adaptive predictive coder for speech and audio JP
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08 Nokia GSM Vector adaptive predictive coder for speech and audio JP 84973/1988
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08 Nokia GSM Vector adaptive predictive coder for speech and audio JP
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Country of registration: Application no.: ETSI Deliverable:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 GSM 05.02, GSM 05.08 Nokia GSM Vector adaptive predictive coder for speech and audio JP 84973/1988 GSM 6.60, GSM 06.20
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08 Nokia GSM Vector adaptive predictive coder for speech and audio JP 84973/1988 GSM 6.60, GSM 06.20
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08 Nokia GSM Vector adaptive predictive coder for speech and audio JP 84973/1988 GSM 6.60, GSM 06.20 Nokia GSM
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08 Nokia GSM Vector adaptive predictive coder for speech and audio JP 84973/1988 GSM 6.60, GSM 06.20 Nokia GSM Vector adaptive predictive coder for speech and audio JP 84973/1988 GSM 6.60, GSM 06.20
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08 Nokia GSM Vector adaptive predictive coder for speech and audio JP 84973/1988 GSM 6.60, GSM 06.20 Nokia GSM Vector adaptive predictive coder for speech and audio JP 84973/1988 GSM 6.60, GSM 06.20
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech ZA 96/0852 ZA 96/0852 GSM 6.60 Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system NO NO 960118 NO 9600118 GSM 05.02, GSM 05.08 Nokia GSM Vector adaptive predictive coder for speech and audio JP 84973/1988 GSM 6.60, GSM 06.20 Nokia GSM Vector adaptive predictive coder for speech and audio JP 84973/1988 GSM 6.60, GSM 06.20

Company name: Project: Title:	Nokia GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech
Country of registration: Application no.: ETSI Deliverable:	AU AU 9644796 GSM 6.60
Company name: Project: Title:	Nokia GSM Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech
Country of registration:	
Application no.:	19604273.9
ETSI Deliverable:	GSM 6.60
Company name: Project:	Nokia GSM
Title:	Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech
Country of registration:	
Application no.:	9601426
Patent no.: ETSI Deliverable:	FR 2730336 GSM 6.60
LISI Deliverable.	
Company name:	Nokia
Project:	GSM
Title: Country of registration:	Vector adaptive predictive coder for speech and audio
Patent no.:	CA 1336454
ETSI Deliverable:	GSM 6.60, GSM 06.20
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Company name:	Nokia
Project: Title:	GSM Alaphraia and check with signal calested pulse amplitudes for fact adding of aparch
Country of registration:	Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech
Application no.:	PCT/CA96/00069
Patent no.:	WO 9624925
ETSI Deliverable:	GSM 6.60
Company name:	Nokia
Project: Title:	GSM Dynamia and shock for officient speech and ing based on algebraic and a
Country of registration:	Dynamic codebook for efficient speech coding based on algebraic codes
Application no.:	927528
Patent no.:	US 5444816
ETSI Deliverable:	GSM 6.60
Company name:	Nokia
Project: Title:	GSM Depth-first algebraic-codebook search for fast coding of speech
Country of registration:	
Application no.:	19609170.5
ETSI Deliverable:	GSM 6.60
Company name:	Nokia
Project:	GSM
Title:	Depth-first algebraic-codebook search for fast coding of speech
Country of registration:	
Application no.: ETSI Deliverable:	9602957 GSM 6.60
Company name:	Nokia
Project:	GSM
Title:	Depth-first algebraic-codebook search for fast coding of speech
Country of registration: Application no.:	965123.0
Patent no.:	GB 2299001
ETSI Deliverable:	GSM 6.60

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Company name:	Nokia
Project:	GSM
Title:	Depth-first algebraic-codebook search for fast coding of speech
Country of registration:	
Application no.:	9600918-8
ETSI Deliverable:	GSM 6.60
<u></u>	
Company name:	Nokia
Project:	GSM
Title:	Depth-first algebraic-codebook search for fast coding of speech
Country of registration:	
Application no.:	PCT/CA96/00135
Patent no.:	
	WO 9628810
ETSI Deliverable:	GSM 6.60
Company name:	Nokia
Project:	GSM
Title:	Depth-first algebraic-codebook search for fast coding of speech
Country of registration:	
Application no.:	96/1913
Patent no.:	ZA 96/1913
ETSI Deliverable:	GSM 6.60
Company name:	Nokia
Project:	GSM
Title:	
	Predictive split-matrix quantization of spectral parameters for efficient coding of speech
Country of registration:	
Application no.:	PCT/CA96/00202
Patent no.:	WO 9631873
ETSI Deliverable:	GSM 6.60
Company name:	Nokia
Project:	GSM
Title:	Algebraic codebook with signal-selected pulse amplitudes for fast coding of speech
Country of registration:	GB
Application no.:	9602391.6
Application no.:	9602391.6 GB 2297671
Patent no.:	GB 2297671
Patent no.: ETSI Deliverable:	GB 2297671 GSM 6.60
Patent no.: ETSI Deliverable: Company name:	GB 2297671 GSM 6.60 Nokia
Patent no.: ETSI Deliverable: Company name: Project:	GB 2297671 GSM 6.60 Nokia GSM
Patent no.: ETSI Deliverable: Company name: Project: Title:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks
Patent no.: ETSI Deliverable: Company name: Project:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Company name: Project: Title:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system JP JP 7-529392
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.:	GB 2297671 GSM 6.60 Nokia GSM High-Speed Data Transmission In Mobile Communication Networks FI FI 945817 FI 97187 GSM 04.21 Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 48332/96 703855 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system JP JP 7-529392

Company name:	Nokia
Project:	GSM
Title:	Method And Apparatus For Speech Transmission In A Mobile Communications System
Country of registration:	FI
Application no.:	FI 943302
Patent no.:	FI 96650
ETSI Deliverable:	GSM 05.03
Company name:	Nokia
Project:	GSM
Title:	Method And Apparatus For Speech Transmission In A Mobile Communications System
Country of registration:	PCT
Application no.:	PCT/FI95/00390
Patent no.:	WO 9602091
ETSI Deliverable:	GSM 05.03
Company name:	Nokia
Project:	GSM
Title:	Method And Apparatus For Speech Transmission In A Mobile Communications System
Country of registration:	AU
Application no.:	AU 28887/95
Patent no.:	AU 9528887
ETSI Deliverable:	GSM 05.03
Company name:	Nokia
Project:	GSM
Title:	Method And Apparatus For Speech Transmission In A Mobile Communications System
Country of registration:	NO
Application no.:	NO 960979
Patent no.:	NO 9600979
ETSI Deliverable:	GSM 05.03
Company name:	Nokia
Project:	GSM
Title:	Vector adaptive predictive coder for speech and audio
Country of registration:	EPO
Application no.:	92108904.1
Countries applicable:	DE, FR, GB, IT
ETSI Deliverable:	GSM 6.60, GSM 06.20
Company name:	Nokia
Project:	GSM
Title:	Method And Apparatus For Speech Transmission In A Mobile Communications System
Country of registration:	JP
Application no.:	JP 8-504136
Patent no.:	JP 9506491
ETSI Deliverable:	GSM 05.03
Company name: Project: Title:	Nokia GSM Control Of Handover And Transmission Power Control Of Mobile Station In A Mobile Telecommunications system
Country of registration: Application no.: Patent no.: ETSI Deliverable:	
Company name:	Nokia
Project:	GSM
Title:	High-Speed Data Transmission In Mobile Communication Networks
Country of registration:	PCT
Application no.:	PCT/FI95/00673
Patent no.:	WO 9618248
ETSI Deliverable:	GSM 04.21

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Company name:	Nokia
Project:	GSM
Title:	High-Speed Data Transmission In Mobile Communication Networks
Country of registration:	AU
Application no.:	AU 41186/96
Patent no.:	AU 9641186
ETSI Deliverable:	GSM 04.21
Company name:	Nokia
Project:	GSM
Title:	High-Speed Data Transmission In Mobile Communication Networks
Country of registration:	NO
Application no.:	NO 972629
Patent no.:	NO 9702629
ETSI Deliverable:	GSM 04.21
ETSI Deliverable.	63Wi 04.21
	Nakia
Company name:	Nokia GSM
Project:	
Title:	High-Speed Data Transmission In Mobile Communication Networks
Country of registration:	
Application no.:	EP 95939304.2
Patent no.:	EP 801853
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 04.21
Company name:	Nokia
Project:	GSM
Title:	Speech synthesiser
Country of registration:	PCT
Application no.:	PCT/GB96/01428
Patent no.:	WO 9700516
ETSI Deliverable:	GSM 6.60
Company name:	Nokia Corporation
Project:	GSM
Title:	TRANSCODER WITH PREVENTION OF TANDEM CODING OF SPEECH
Country of registration:	EPO
Application no.:	96910043,7
Countries applicable:	AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia
Project:	GSM
Title:	Dynamic codebook for efficient speech coding based on algebraic codes
Country of registration:	
Application no.:	90915956.8
Patent no.:	EP 516621
ETSI Deliverable:	GSM 6.60
Company name:	Nokia
Project:	GSM
Title:	
	Method And Apparatus For Speech Transmission In A Mobile Communications System
Country of registration:	
Application no.:	EP 95924336.1
Patent no.:	
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 05.03

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH AU 44796/96 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM MOBILE COMMUNICATION SYSTEM AND METHOD FOR ESTABLISHING A DATA CALL EPO 96931826 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MOBILE COMMUNICATION SYSTEM AND METHOD FOR ESTABLISHING A DATA CALL HK 99100294,5 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation GSM
Title: Country of registration: Application no.: Notes:	MOBILE COMMUNICATION SYSTEM AND METHOD FOR ESTABLISHING A DATA CALL
Title: Country of registration: Application no.:	MOBILE COMMUNICATION SYSTEM AND METHOD FOR ESTABLISHING A DATA CALL JP 09-513159 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH DE 19604273,9 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	96193095 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
Company name: Project: Title: Country of registration: Application no.: Notes:	remain ESSENTIAL. Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH CA 2210765 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	BT GSM Transmission of Digital Signals SG 9801617-3 SG GSM 02.53
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM PACKET RADIO SYSTEM AND METHODS FOR A PROTOCOL-INDEPENDENT ROUTING OF A DATA PACKET IN PACKET RADIO NETWORKS SG 9705557 49522 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MOBILE COMMUNICATION SYSTEM AND METHOD FOR ESTABLISHING A DATA CALL AU 70865/96 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name:	Nokia GSM Data Transmission System With Sliding-Window Data Flow Control AU AU 56506/96 AU 9656506 GSM 04.22 Nokia Corporation
Project: Title: Country of registration: Application no.: Notes:	GSM MOBILE COMMUNICATION SYSTEM AND METHOD FOR ESTABLISHING A DATA CALL
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM MOBILE COMMUNICATION SYSTEM AND METHOD FOR ESTABLISHING A DATA CALL NZ 318789 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MOBILE COMMUNICATION SYSTEM AND METHOD FOR ESTABLISHING A DATA CALL US 09/043702 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION FI 955030 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION AT A1804/96 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	
	Nokia Corporation
Project: Title:	GSM METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN
Title:	RADIO COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN
Country of registration:	
Application no.:	69906/96
Patent no.:	702769
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	GSM METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLUSIONS IN
The:	METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION
Country of registration:	
Application no.:	96198961
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION
The.	COMBINATIONS FOR FAST CODING OF SPEECH
Country of registration:	
Application no.:	9607026,9
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Project: Title:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL
Project:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL
Project: Title: Country of registration: Application no.: Countries applicable:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
Project: Title: Country of registration: Application no.:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Project: Title: Country of registration: Application no.: Countries applicable:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Project: Title: Country of registration: Application no.: Countries applicable:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Project: Title: Country of registration: Application no.: Countries applicable: Notes:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Patent no.:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Patent no.:	GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL EPO 96913557 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH US 509525 5701392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	9600437-9 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration:	GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH
Application no.: Notes:	97114804 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH
Country of registration: Application no.: Notes:	NO 973472 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH MY PI9600300
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	
Application no.: Notes:	975997 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL AU 5650696 708324 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs

Company name: Project: Title: Country of registration: Application no.: Notes:	96197188,6 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL CN 9619046,.5 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MOBILE COMMUNICATION SYSTEM AND METHOD FOR ESTABLISHING A DATA CALL CA 2232792 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH KR 705372 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH JP 523852/96 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH IT UD96A000012 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH IN 198CAL96 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	98101406,9 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH FR 9601426 2730336 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Notes:	AT&T GSM Digital Speech Coder CA 1 181 854 AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM MOBILE COMMUNICATION SYSTEM AND METHOD FOR ESTABLISHING A DATA CALL FI 954545 101337 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project:	Nokia Corporation GSM
Title: Country of registration:	METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION GB
Application no.: Patent no.:	9622016,5 2306858
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation GSM
Title: Country of registration:	DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL CA
Application no.: Notes:	2193379 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notes.	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation GSM
Title:	A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK
Country of registration: Application no.:	RU 99112946
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation GSM
Title:	METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION
Country of registration: Application no.:	DE 19641084,3
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	remain ESSENTIAL.
Project: Title:	remain ESSENTIAL. Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM
Project:	remain ESSENTIAL. Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM
Project: Title: Country of registration:	remain ESSENTIAL. Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM CN
Project: Title: Country of registration: Application no.: Notes: Company name:	remain ESSENTIAL. Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM CN 97190139,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation
Project: Title: Country of registration: Application no.: Notes:	remain ESSENTIAL. Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM CN 97190139,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Notes: Company name: Project:	remain ESSENTIAL. Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM CN 97190139,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM HK 98110176,8 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	379/MAS/97 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM TIME DIVISION MULTIPLE ACCESS RADIO SYSTEMS EPO 98924337,3 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM TIME DIVISION MULTIPLE ACCESS RADIO SYSTEMS CN 98806506,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM TIME DIVISION MULTIPLE ACCESS RADIO SYSTEMS AU 76563/98 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM AU 20967/97 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	GSM
Title:	A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR
	MOBILE RADIO NETWORK
Country of registration:	
Application no.:	
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
	Temain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Title:	IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE
The.	COMMUNICATION SYSTEM
Country of registration:	
Application no.:	960996
Patent no.:	102936
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM A METHOD OF SETTING THE DEDSISTENCE OF A MODILE STATION IN A CELLULAD
Title:	A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR
Country of registration:	MOBILE RADIO NETWORK
Application no.:	10-523228
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notoo.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Company name: Project:	Nokia Corporation GSM
	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR
Project: Title:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK
Project: Title: Country of registration:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO
Project: Title: Country of registration: Application no.:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8
Project: Title: Country of registration: Application no.: Countries applicable:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
Project: Title: Country of registration: Application no.:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Project: Title: Country of registration: Application no.: Countries applicable:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
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Project: Title: Country of registration: Application no.: Countries applicable:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
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Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
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Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
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Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Company name: Project: Title:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK BR
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Company name: Project: Title:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK BR
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK EPO 97952791,8 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK CN 97199777.2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title:	65644/98 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR
Country of registration: Application no.: Patent no.: Notes:	MOBILE RADIO NETWORK DE 19648077,9 19648077 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM US 08/952047 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM TH 35812 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM PH 55596 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM TIME DIVISION MULTIPLE ACCESS RADIO SYSTEMS FI 972724 104135 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DYNAMIC CODEBOOK FOR EFFICIENT SPEECH CODING BASED ON ALGEBRAIC CODES CA 2010830 2010930 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Alcatel GSM Mobile Radio Network Adaptation Center n/a EP 96 440 095 EP 773 693 FR, DE, IT, ES, GB GSM 03.54, V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPRs listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION IT MI96/A002156 1284978 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION JP 9-516310 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION NL 1004295 1004295 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION RU PCT/FI96/00505 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH AR 335305 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH US 508801 5754976 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DYNAMIC CODEBOOK FOR EFFICIENT SPEECH CODING BASED ON ALGEBRAIC CODES US 438703 5699482 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM CA 2219256 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	90915956,8 516621 AU, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION FR 9612754 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM VECTOR ADAPTIVE PREDICTIVE CODER FOR SPEECH AND AUDIO JP 84973/1988 2887286 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	Nokia Corporation GSM VECTOR ADAPTIVE PREDICTIVE CODER FOR SPEECH AND AUDIO EPO 92108904,1 516621 DE, FR, GB, IT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Notes:	Nokia Corporation GSM VECTOR ADAPTIVE PREDICTIVE CODER FOR SPEECH AND AUDIO CA 1336454 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM VECTOR ADAPTIVE PREDICTIVE CODER FOR SPEECH AND AUDIO US 35615 4969192 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM TIME DIVISION MULTIPLE ACCESS RADIO SYSTEMS US 09/098832 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM TIME DIVISION MULTIPLE ACCESS RADIO SYSTEMS RU PCT/FI98/00468 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM TIME DIVISION MULTIPLE ACCESS RADIO SYSTEMS JP 11-503836 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION SE 9603731-2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD DEVICE AND COMMUNICATION NETWORK FOR AVOIDING COLLISIONS IN RADIO COMMUNICATION US 08/724909 5966378 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DYNAMIC CODEBOOK FOR EFFICIENT SPEECH CODING BASED ON ALGEBRAIC CODES US 927528 5444816 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	BT
Project:	GSM
Title: Country of registration:	Transmission of Digital Signals
Application no.:	1287/MAS/96
Countries applicable:	IN
ETSI Deliverable:	GSM 02.53
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL HK 98101125,9 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	BT
Project:	GSM
Title: Country of registration:	Cellular Radio Systems
Application no.:	179961
Countries applicable:	US
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
Company name:	BT
Project:	GSM
Title:	Cellular Radio Systems
Country of registration:	AU
Patent no.:	678247
Countries applicable:	AU
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
Company name:	BT
Project:	GSM
Title:	Cellular Radio Systems
Country of registration: Patent no.:	266204
Countries applicable:	NZ
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
Company name:	BT
Project:	GSM
Title:	Cellular Radio Systems
Country of registration: Patent no.:	174356
Countries applicable:	PL
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
Company name:	BT
Project:	GSM
Title:	Transmission of Digital Signals
Country of registration: Application no.:	65245/96
Countries applicable:	AU
ETSI Deliverable:	GSM 02.53
Company name:	BT
Project:	GSM
Title:	Transmission of Digital Signals
Country of registration:	BR
Application no.:	9609577-6
Countries applicable:	BR
ETSI Deliverable:	GSM 02.53

Company name:	ВТ
Project:	GSM
Title:	Transmission of Digital Signals
Country of registration:	
Application no.:	2227273
Countries applicable:	CA
ETSI Deliverable:	GSM 02.53
Company name:	BT
Project:	GSM
Title:	Cellular Radio Systems
Country of registration:	NO
Application no.:	954682
Countries applicable:	NO
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
LISI Deliverable.	GSM 02.07, 02.00, 02.09, 03.07, 03.00, 03.09
Company name:	ВТ
Project:	GSM
Title:	Transmission of Digital Signals
Country of registration:	
Application no.:	tba
Countries applicable:	нк
ETSI Deliverable:	GSM 02.53
Company name:	ВТ
Project:	GSM
Title:	Cellular Radio Systems
Country of registration:	KR
Application no.:	705246/95
Countries applicable:	KR
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
ETO Denverable.	Com 02.01, 02.00, 02.00, 00.01, 00.00, 00.00
Commons	DT
Company name:	BT
Company name: Project:	BT GSM
	GSM
Project: Title:	GSM Transmission of Digital Signals
Project: Title: Country of registration:	GSM Transmission of Digital Signals JP
Project: Title: Country of registration: Application no.:	GSM Transmission of Digital Signals JP 97-506424
Project: Title: Country of registration: Application no.: Countries applicable:	GSM Transmission of Digital Signals JP 97-506424 JP
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Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT
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Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98 KR
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Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98 KR GSM 02.53 BT GSM
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98 KR GSM 02.53 BT GSM Transmission of Digital Signals
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Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98 KR GSM 02.53 BT GSM Transmission of Digital Signals
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Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98 KR GSM 02.53 BT GSM Transmission of Digital Signals MX 980652 MX
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98 KR GSM 02.53 BT GSM Transmission of Digital Signals MX 980652
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98 KR GSM 02.53 BT GSM Transmission of Digital Signals MX 980652 MX GSM 02.53
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Countries applicable: ETSI Deliverable: ETSI Deliverable:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98 KR GSM 02.53 BT GSM Transmission of Digital Signals MX 980652 MX GSM 02.53 BT
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98 KR GSM 02.53 BT GSM Transmission of Digital Signals MX 980652 MX GSM 02.53 BT GSM
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Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98 KR GSM 02.53 BT GSM Transmission of Digital Signals MX 980652 MX GSM 02.53 BT GSM Transmission of Digital Signals MX 980652 MX GSM 02.53
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	GSM Transmission of Digital Signals JP 97-506424 JP GSM 02.53 BT GSM Transmission of Digital Signals KR 700512/98 KR GSM 02.53 BT GSM Transmission of Digital Signals MX 980652 MX GSM 02.53 BT GSM Transmission of Digital Signals MX Pl9602981

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	980260 NO GSM 02.53 BT GSM Transmission of Digital Signals
Company name:	BT
Project:	GSM
Title:	Transmission of Digital Signals
Country of registration:	US
Application no.:	983578/08
Countries applicable:	US
ETSI Deliverable:	GSM 02.53
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM IMPROVING SECURITY OF PACKET-MODE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM JP 9-531490 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH AR P960101681 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	BT
Project:	GSM
Title:	Transmission of Digital Signals
Country of registration:	CN
Application no.:	96196861.3
Countries applicable:	CN
ETSI Deliverable:	GSM 02.53
Company name:	BT
Project:	GSM
Title:	Telecommunications System
Country of registration:	KR
Application no.:	706251/96
Countries applicable:	KR
ETSI Deliverable:	GSM 03.93 and GSM 04.93

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM TRANSCODER WITH PREVENTION OF TANDEM CODING OF SPEECH JP 8-530745 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Notes:	GSM TRANSCODER WITH PREVENTION OF TANDEM CODING OF SPEECH
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM TRANSCODER WITH PREVENTION OF TANDEM CODING OF SPEECH SG 9705023-1 46046 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM TRANSCODER WITH PREVENTION OF TANDEM CODING OF SPEECH US 08/930988 5991716 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	BT GSM Telecommunications System EPO 761067 BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 03.93 and GSM 04.93
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	BT GSM Telecommunications System CA 2189772 CA GSM 03.93 and GSM 04.93
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	BT GSM Telecommunications System CN 95193283.7 CN GSM 03.93 and GSM 04.93

Compony nome	DT
Company name: Project:	BT GSM
Title:	Telecommunications System
Country of registration:	
Application no.:	964658
Countries applicable:	FI
ETSI Deliverable:	GSM 03.93 and GSM 04.93
Company name:	BT
Project:	GSM
Title:	Cellular Radio Systems
Country of registration:	
Application no.:	9603226-3
Countries applicable: ETSI Deliverable:	SG GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
LISI Deliverable.	CSIN 02.07, 02.00, 02.09, 03.07, 03.00, 03.09
Company name:	BT
Project:	GSM
Title:	Telecommunications System
Country of registration:	
Application no.:	96-500498
Countries applicable: ETSI Deliverable:	
ETSI Deliverable:	GSM 03.93 and GSM 04.93
Company name:	Nokia Corporation
Project:	GSM
Title:	DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL
Country of registration:	
Application no.:	8533810
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	BT
Project:	GSM
Project: Title:	GSM Telecommunications System
Project: Title: Country of registration:	GSM Telecommunications System SG
Project: Title: Country of registration: Application no.:	GSM Telecommunications System SG 9604081-1
Project: Title: Country of registration: Application no.: Countries applicable:	GSM Telecommunications System SG 9604081-1 SG
Project: Title: Country of registration: Application no.:	GSM Telecommunications System SG 9604081-1
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System US
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System US 673474/08
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System US 673474/08 US
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System US 673474/08
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Countries applicable: ETSI Deliverable:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System US 673474/08 US GSM 03.93 and GSM 04.93 BT
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System US 673474/08 US GSM 03.93 and GSM 04.93 BT GSM
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Title: Company name: Project: Title: Company name: Project: Title:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System US 673474/08 US GSM 03.93 and GSM 04.93
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Company name: Project: Title: Country of registration: Country of r	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System US 673474/08 US GSM 03.93 and GSM 04.93 BT GSM Callular Radio Systems CA
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System US 673474/08 US GSM 03.93 and GSM 04.93 BT GSM Cellular Radio Systems CA 2162730
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System US 673474/08 US GSM 03.93 and GSM 04.93 BT GSM Cellular Radio Systems CA 2162730 CA
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	GSM Telecommunications System SG 9604081-1 SG GSM 03.93 and GSM 04.93 BT GSM Telecommunications System NO 965034 NO GSM 03.93 and GSM 04.93 BT GSM Telecommunications System US 673474/08 US GSM 03.93 and GSM 04.93 BT GSM Cellular Radio Systems CA 2162730

Company name:	BT
Project:	GSM
Title:	Cellular Radio Systems
Country of registration:	CN
Application no.:	94192537.4
Countries applicable:	CN
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
Company name:	BT
Project:	GSM
Title:	
	Cellular Radio Systems
Country of registration:	
Application no.:	955579
Countries applicable:	FL
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
Composition	DT
Company name:	BT
Project:	GSM
Title:	Cellular Radio Systems
Country of registration:	
Application no.:	P9503283
Countries applicable:	HU
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
Company name:	ВТ
Project:	GSM
Title:	Cellular Radio Systems
Country of registration:	IN
Application no.:	422/MAS/94
Countries applicable:	IN
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
Company name:	BT
Project:	GSM
Title:	Cellular Radio Systems
Country of registration:	
Application no.:	95-500381
Countries applicable:	JP
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
Company name:	BT
Project:	GSM
Title:	Telecommunications System
Country of registration:	•
Application no.:	707/MAS/95
Countries applicable:	IN
ETSI Deliverable:	GSM 03.93 and GSM 04.93
Company name:	Nokia Corporation
Project:	GSM
Title:	DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH
Country of registration:	
Application no.:	9605123
Patent no.:	2299001
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Notes:	AT&T GSM Digital Speech Coder CA 1 181 854 AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MULTIBAND MOBILE TELEPHONE SYSTEM CN 96190506,9 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM MULTIBAND MOBILE TELEPHONE SYSTEM EPO 96914224 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MULTIBAND MOBILE TELEPHONE SYSTEM HK 98112483,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MULTIBAND MOBILE TELEPHONE SYSTEM JP 8534589 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MULTIBAND MOBILE TELEPHONE SYSTEM KR 700253 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	GSM
Title:	MULTIBAND MOBILE TELEPHONE SYSTEM
Country of registration:	
Application no.:	9700803-1
Patent no.:	37836
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
<u></u>	Nabia Ormanatian
Company name:	Nokia Corporation
Project:	
Title:	MULTIBAND MOBILE TELEPHONE SYSTEM
Country of registration:	
Application no.:	08/776279
Patent no.:	5960354
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company remain	Nakia Corporation
Company name:	Nokia Corporation GSM
Project:	
Title:	DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH
Country of registration: Application no.:	
Notes:	527130/96 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notes.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
	Temain ESSENTIAE.
Company name:	Nokia Corporation
Company name: Project:	Nokia Corporation GSM
Project:	GSM
Project: Title:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH
Project: Title: Country of registration:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK
Project: Title: Country of registration: Application no.:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3
Project: Title: Country of registration: Application no.: Patent no.:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846
Project: Title: Country of registration: Application no.:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Project: Title: Country of registration: Application no.: Patent no.:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Project: Title: Country of registration: Application no.: Patent no.:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Project: Title: Country of registration: Application no.: Patent no.:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Patent no.: Notes: Notes: Company name: Project: Title:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH
Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH KR
Project: Title: Country of registration: Application no.: Patent no.: Notes: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH KR 97-706298
Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH KR 97-706298 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Project: Title: Country of registration: Application no.: Patent no.: Notes: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH KR 97-706298 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Project: Title: Country of registration: Application no.: Patent no.: Notes: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH KR 97-706298 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
Project: Title: Country of registration: Application no.: Patent no.: Notes: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH KR 97-706298 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Project: Title: Country of registration: Application no.: Patent no.: Notes: Notes: Company name: Project: Title: Country of registration: Application no.: Notes:	GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH HK 98100818,3 HK1001846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH KR 97-706298 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
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Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH ES 9650035 9650035 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH EPO 96903854,6 516621 DE, ES, FR, GB, IT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH DE 19609170,5 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH CN 96193196,5 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH CA 2213740 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH BR PI9607144.3 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	47811/96 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM TRANSCODER WITH PREVENTION OF TANDEM CODING OF SPEECH HK 98109501,6 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH IN 422CAL96 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD AND APPARATUS FOR SPEECH TRANSMISSION IN A MOBILE COMMUNICATIONS SYSTEM NO 960979 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL KR 707574 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL SG 96122478 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.:	09/765067 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL
Patent no.: Notes:	5930233 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MULTIBAND MOBILE TELEPHONE SYSTEM FI 952382 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM MULTIBAND MOBILE TELEPHONE SYSTEM AU 5765396 706206 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MULTIBAND MOBILE TELEPHONE SYSTEM CA 2194542 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM PREDICTIVE SPLIT-MATRIX QUANTIZATION OF SPECTRAL PARAMETERS FOR EFFICIENT CODING OF SPEECH AU 52633/96 697256 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	GSM
Title:	DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH
Country of registration:	Г
Application no.:	TO96A000174
Patent no.:	1285305
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notes.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Title:	METHOD AND APPARATUS FOR SPEECH TRANSMISSION IN A MOBILE
	COMMUNICATIONS SYSTEM
Country of registration:	US
Application no.:	08/612934
Patent no.:	5862178
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notes.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	
Title:	DATA TRANSMISSION SYSTEM WITH SLIDING-WINDOW DATA FLOW CONTROL
Country of registration:	
Application no.:	952256
Patent no.:	98174
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Company name: Project:	Nokia Corporation GSM
Project:	GSM
	GSM METHOD AND APPARATUS FOR SPEECH TRANSMISSION IN A MOBILE
Project: Title:	GSM METHOD AND APPARATUS FOR SPEECH TRANSMISSION IN A MOBILE COMMUNICATIONS SYSTEM
Project: Title: Country of registration:	GSM METHOD AND APPARATUS FOR SPEECH TRANSMISSION IN A MOBILE COMMUNICATIONS SYSTEM JP
Project: Title: Country of registration: Application no.:	GSM METHOD AND APPARATUS FOR SPEECH TRANSMISSION IN A MOBILE COMMUNICATIONS SYSTEM JP 8-504136
Project: Title: Country of registration:	GSM METHOD AND APPARATUS FOR SPEECH TRANSMISSION IN A MOBILE COMMUNICATIONS SYSTEM JP 8-504136 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
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Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM METHOD AND APPARATUS FOR SPEECH TRANSMISSION IN A MOBILE COMMUNICATIONS SYSTEM JP 8-504136 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM METHOD AND APPARATUS FOR SPEECH TRANSMISSION IN A MOBILE COMMUNICATIONS SYSTEM EPO 95924336,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
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Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	28887/95 695150 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD AND APPARATUS FOR SPEECH TRANSMISSION IN A MOBILE COMMUNICATIONS SYSTEM FI 943302 96650 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH SE 9600918-8 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH RU 97116484 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH MY PI9600844 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DEPTH-FIRST ALGEBRAICH CODEBOOK SEARCH FOR FAST CODING OF SPEECH MX 97/06885 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	GSM
Title:	PREDICTIVE SPLIT-MATRIX QUANTIZATION OF SPECTRAL PARAMETERS FOR
	EFFICIENT CODING OF SPEECH
Country of registration:	
Application no.:	416019
Patent no.:	5664053
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	BT
Project:	GSM
Title:	Voice Activity Detector
Country of registration:	нк
Patent no.:	1358/96
Countries applicable:	НК
Notes:	BT have stated that the identified patents may be relevant to the full rate GSM Voice Activity
	Detector, that the patents claim priority form GB 880 9795 and that the patent was the subject
	of a BT/ETSI undertaking dated 4th April 1990. It should be noted that the provisions of this
	undertaking provides for royalty free licences if certain conditions are satisfied by a licensee.
	BT contact (see note 2).
Company name:	Matra
Project:	GSM
Title:	Procédé et Installation de Radiotéléphonie Numérique notamment de Radiotéléphonie
nue.	Cellulaire de Communication avec les Mobiles
Country of registration:	
Application no.:	638 160
Countries applicable:	AU
ETSI Deliverable:	
ETSI Deliverable:	GSM 04.08, V4.9.0
Compony nome	Alestel
Company name:	Alcatel GSM
Project:	
Title:	TRAU/BTS Error Procedure
Occurrence of an advantation	
Country of registration:	EPO
Patent no.:	EPO EP 686325
Patent no.: Countries applicable:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB
Patent no.:	EPO EP 686325
Patent no.: Countries applicable: ETSI Deliverable:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61
Patent no.: Countries applicable: ETSI Deliverable: Company name:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel
Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel GSM
Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure
Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FR
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Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FR FR 2702111 FR
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Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FR FR 2702111 FR GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure
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Patent no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FR FR 2702111 FR GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FI
Patent no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FR FR 2702111 FR GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FI FI 9503969
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Patent no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FR FR 2702111 FR GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FI FI 9503969 FI GSM 08.60 and 08.61 Alcatel
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Patent no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Company name: Project:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FR FR 2702111 FR GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FI FI 9503969 FI GSM 08.60 and 08.61 Alcatel GSM 08.60 and 08.61
Patent no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FR FR 2702111 FR GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FI FI 9503969 FI GSM 08.60 and 08.61 Alcatel GSM 08.60 and 08.61
Patent no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title:	EPO EP 686325 AT, BE, DK, DE, IT, NL, ES, SE, CH, GB GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FR FR 2702111 FR GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure FI FI 9503969 FI GSM 08.60 and 08.61 Alcatel GSM TRAU/BTS Error Procedure NO NO 9503356

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Company name:	Alcatel
Project:	GSM
Title:	TRAU/BTS Error Procedure
Country of registration:	US SerNo 495615
Application no.: Countries applicable:	US
ETSI Deliverable:	GSM 08.60 and 08.61
ETSI Deliverable.	
Company name:	Alcatel
Project:	GSM
Title:	TRAU/BTS Error Procedure
Country of registration:	AU
Patent no.:	AU 9461115
Countries applicable:	US
ETSI Deliverable:	GSM 08.60 and 08.61
Company name:	Alcatel
Project:	GSM
Title:	TRAN/BTS Error Procedure
Country of registration: Application no.:	5F 518716/94
Countries applicable:	JP
ETSI Deliverable:	GSM 08.60 and 08.61
Company name:	Alcatel
Project:	GSM
Title:	TRAU/BTS Error Procedure
Country of registration:	
Application no.:	94-191289
Countries applicable:	CN
ETSI Deliverable:	GSM 08.60 and 08.61
Company name:	
Company name: Project:	Alcatel GSM
Project:	GSM
Project: Title:	GSM Data frame transmission system for transmitter and receiver
Project:	GSM Data frame transmission system for transmitter and receiver
Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Data frame transmission system for transmitter and receiver EPO EP 642242 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	GSM Data frame transmission system for transmitter and receiver EPO EP 642242 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Data frame transmission system for transmitter and receiver EPO EP 642242 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Alcatel GSM
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.:	GSM Data frame transmission system for transmitter and receiver EPO EP 642242 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Alcatel GSM Data frame transmission system for transmitter and receiver FI FI 9404071
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GSM Data frame transmission system for transmitter and receiver EPO EP 642242 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Alcatel GSM Data frame transmission system for transmitter and receiver FI FI 9404071 FI GSM 08.61
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable:	GSM Data frame transmission system for transmitter and receiver EPO EP 642242 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Alcatel GSM Data frame transmission system for transmitter and receiver FI FI 9404071 FI GSM 08.61 Alcatel GSM Data frame transmission system for transmitter and receiver FR FR 2709901 FR GSM 08.61
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Company name: Project: Title: Country of registration: Country of registratio	GSM Data frame transmission system for transmitter and receiver EPO EP 642242 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Alcatel GSM Data frame transmission system for transmitter and receiver FI FI 9404071 FI GSM 08.61 Alcatel GSM Data frame transmission system for transmitter and receiver FR FR 2709901 FR GSM 08.61 Alcatel GSM Alcatel GSM 08.61

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	BT GSM Voice Activity Detector CA CA 1335003 CA BT have stated that the identified patents may be relevant to the full rate GSM Voice Activity Detector, that the patents claim priority form GB 880 9795 and that the patent was the subject of a BT/ETSI undertaking dated 4th April 1990. It should be noted that the provisions of this undertaking provides for royalty free licences if certain conditions are satisfied by a licensee. BT contact (see note 2).
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	Alcatel GSM Hand-over technique for transferring calls between adjacent cells of cellular phone system CA 2162707 CA GSM 04.08 and 05.10
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	BT GSM Voice Activity Detector IE IE 61863 IE BT have stated that the identified patents may be relevant to the full rate GSM Voice Activity Detector, that the patents claim priority form GB 880 9795 and that the patent was the subject of a BT/ETSI undertaking dated 4th April 1990. It should be noted that the provisions of this undertaking provides for royalty free licences if certain conditions are satisfied by a licensee. BT contact (see note 2).
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	BT GSM Voice Activity Detector NZ 228290 NZ BT have stated that the identified patents may be relevant to the full rate GSM Voice Activity Detector, that the patents claim priority form GB 880 9795 and that the patent was the subject of a BT/ETSI undertaking dated 4th April 1990. It should be noted that the provisions of this undertaking provides for royalty free licences if certain conditions are satisfied by a licensee. BT contact (see note 2).
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	BT GSM Voice Activity Detector PT 89978 PT BT have stated that the identified patents may be relevant to the full rate GSM Voice Activity Detector, that the patents claim priority form GB 880 9795 and that the patent was the subject of a BT/ETSI undertaking dated 4th April 1990. It should be noted that the provisions of this undertaking provides for royalty free licences if certain conditions are satisfied by a licensee. BT contact (see note 2).
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	BT GSM Voice Activity Detector SG 9691600-2 SG BT have stated that the identified patents may be relevant to the full rate GSM Voice Activity Detector, that the patents claim priority form GB 880 9795 and that the patent was the subject of a BT/ETSI undertaking dated 4th April 1990. It should be noted that the provisions of this undertaking provides for royalty free licences if certain conditions are satisfied by a licensee. BT contact (see note 2).

Company name:	Mitsubishi Electric Corporation
Project:	GSM
Title:	Method and Apparatus for Handoff of in Call Progress
Country of registration:	GB
Patent no.:	GB2 204 215
Countries applicable:	GB
ETSI Deliverable:	GSM 03.09 and 05.08
Company name:	Mitsubishi Electric Corporation
Project:	GSM
Title:	Method and Apparatus for Handoff of in Call Progress
Country of registration:	
Patent no.:	US 5 067 171
Countries applicable:	US
ETSI Deliverable:	GSM 03.09 and 05.08
Company name:	Mitsubishi Electric Corporation
Project:	GSM
Title:	Method and Apparatus for Handoff of in Call Progress
Country of registration:	
Patent no.:	CA 1 306 014
Countries applicable:	CA
ETSI Deliverable:	GSM 03.09 and 05.08
Company name:	Mitsubishi Electric Corporation
Project:	GSM
Title:	Method and Apparatus for Handoff of in Call Pogress
Country of registration:	
Patent no.:	NO 174 448 B
Countries applicable:	NO
ETSI Deliverable:	GSM 03.09 and 05.08
Company name:	Mitsubishi Electric Corporation
Project:	GSM
Project: Title:	GSM Method and Apparatus for Handoff of in Call Pogress
Project: Title: Country of registration:	GSM Method and Apparatus for Handoff of in Call Pogress SG
Project: Title: Country of registration: Patent no.:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64
Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI
Project: Title: Country of registration: Patent no.:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK HK 923/94
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK HK 923/94 HK
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK HK 923/94
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK HK 923/94 HK GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK HK 923/94 HK GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK HK 923/94 HK GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress SE Published SE 8 801 191
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK HK 923/94 HK GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress SE Published SE 8 801 191 SE
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable:	GSM Method and Apparatus for Handoff of in Call Pogress SG GG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK HK 923/94 HK GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress SE Published SE 8 801 191 SE GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Mitsubishi Electric Corporation GSM
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable:	GSM Method and Apparatus for Handoff of in Call Pogress SG GG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK HK 923/94 HK GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress SE Published SE 8 801 191 SE GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Mitsubishi Electric Corporation GSM Mitsubishi Electric Corporation GSM Mitsubishi Electric Corporation GSM Mitsubishi Electric Corporation GSM Mitsubishi Electric Corporation GSM Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.:	GSM Method and Apparatus for Handoff of in Call Pogress SG G 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK HK 923/94 HK GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress SE Published SE 8 801 191 SE GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Mitsubishi Electric Corporation GSM Mitsubishi Electric Corporation GSM Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress DK
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Company name: Project: Title: Country of registration: Company name: Project: Title: Country of registration: Company name: Project: Title: Country of registration: Company name: Project: Title: Country of registration: Country of registrat	GSM Method and Apparatus for Handoff of in Call Pogress SG SG 606/64 SI GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress HK HK 923/94 HK GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress SE Published SE 8 801 191 SE GSM 03.09 and 05.08 Mitsubishi Electric Corporation GSM Method and Apparatus for Handoff of in Call Pogress SE Published SE 8 801 191 SE GSM 03.09 and 05.08

Company name:	Mitsubishi Electric Corporation
Project:	GSM
Title:	Method and Apparatus for Handoff of in Call Pogress
Country of registration:	
Patent no.:	Published JP 63245142
Countries applicable: ETSI Deliverable:	JP CSM 02.00 and 05.08
ETSI Deliverable:	GSM 03.09 and 05.08
Company name:	Alcatel
Project:	GSM
Title:	Data frame transmission system for transmitter and receiver
Country of registration:	
Application no.:	SerNo 301587
Countries applicable:	US
ETSI Deliverable:	GSM 08.61
	Alcatel
Company name: Project:	GSM
Title:	Software downloading for a telecommunications terminal
Country of registration:	AU
Patent no.:	AU 643526
Countries applicable:	AU
ETSI Deliverable:	GSM 11.14
Company name:	Robert Bosch GmbH
Project:	GSM
Title:	Method for decoding binary signals
Country of registration:	
Application no.:	EP 92118663.1
Patent no.: Countries applicable:	542065 BE, CH, ES, FI, FR, GB, IT, NL, SE
ETSI Deliverable:	GSM 06.21, V5.0.1
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notes.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
	Matra
Company name:	Matra
Project: Title:	GSM Broaddé de pequide eventseriestion d'un réseau de communication à multiplevege dans le
Title:	Procédé de pseudo-synchronisation d'un réseau de communication à multiplexage dans le
Country of registration:	temps et applications EPO
Application no.:	0398773 B1
Countries applicable:	AT, BE, CH, DE, DK, ES, GB, IT, LI, LU, NL, SE
ETSI Deliverable:	GSM 04.08, version 05.10
Company name:	Matra
Project:	GSM
Title:	Procédé et installation de radiotéléphonie numérique notamment de radiotéléphonie cellulaire
	de communication à multiplexage dan
Country of registration:	FR
Application no.:	90 10 485 FB
Countries applicable:	FR
ETSI Deliverable:	GSM 04.08, V4.9.0
Company name:	Matra
Project:	GSM
Title:	Procédé de pseudo-synchronisation d'un réseau de communication à multiplexage dans le
	temps et applications
Country of registration:	
Application no.:	622 543
Countries applicable:	AU
ETSI Deliverable:	GSM 04.08, version 05.10

Company name: Project: Title:	Matra GSM Procédé de pseudo-synchronisation d'un réseau de communication à multiplexage dans le temps et applications
Country of registration: Application no.: Countries applicable: ETSI Deliverable:	
Company name: Project: Title:	Matra GSM Procédé de pseudo-synchronisation d'un réseau de communication à multiplexage dans le temps et applications
Country of registration: Application no.: Countries applicable: ETSI Deliverable:	CA 2 015 237 CA GSM 04.08, version 05.10
Company name: Project: Title: Country of registration:	Matra GSM Procédé de pseudo-synchronisation d'un réseau de communication à multiplexage dans le temps et applications FI
Application no.: ETSI Deliverable:	90 2080 GSM 04.08, version 05.10
Company name: Project: Title:	Matra GSM Procédé de pseudo-synchronisation d'un réseau de communication à multiplexage dans le temps et applications
Country of registration: Application no.: Countries applicable: ETSI Deliverable:	
Company name: Project: Title:	Matra GSM Procédé de pseudo-synchronisation d'un réseau de communication à multiplexage dans le temps et applications
Country of registration: Application no.: Countries applicable: ETSI Deliverable:	JP 1 986 761 JP GSM 04.08, version 05.10
Company name: Project: Title:	Matra GSM Procédé de pseudo-synchronisation d'un réseau de communication à multiplexage dans le temps et applications
Country of registration: Application no.: Countries applicable: ETSI Deliverable:	NO 90 18 15 NO GSM 04.08, version 05.10
Company name: Project: Title:	Matra GSM Procédé de pseudo-synchronisation d'un réseau de communication à multiplexage dans le temps et applications
Country of registration: Application no.: Countries applicable: ETSI Deliverable:	PT 93 870 PT GSM 04.08, version 05.10

ETSI

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	Matra GSM Procédé de pseudo-synchronisation d'un réseau de communication à multiplexage dans le temps et applications US 5 128 925 US GSM 04.08, version 05.10
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	Alcatel GSM Hand-over technique for transferring calls between adjacent cells of cellular phone system CN 94-192099 CN GSM 04.08 and 05.10
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Alcatel GSM Computer-controlled radiotelephone EPO EP 297616 AT, BE, FR, DE, GR, IT, NL, ES, SE, GB GSM 03.26
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Mitsubishi Electric Corporation GSM Control Device for Radio Communication Apparatus JP Published JP 406 882 7 JP GSM 05 series TDMA Timing Control
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Alcatel GSM Method of transmitting timing advance data to a mobile moving in cells of an asynchronous- BTS GSM network EPO EP 589753 AT, BE, DK, FR, DE, GR, IE, IT, NL, PT, ES, SE, CH, GB GSM 04.08 and 05.10
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Alcatel GSM Method of transmitting timing advance data to a mobile moving in cells of an asynchronous- BTS GSM network FI FI 9304006 FI GSM 04.08 and 05.10
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Alcatel GSM A method of transmitting timing advance data to a mobile moving in cells of an asynchronous- BTS GSM network FR FR 2695776 FR GSM 04.08 and 05.10

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Alcatel GSM A method of transmitting timing advance data to a mobile moving in cells of an asynchronous- BTS GSM network NO NO 9303254 NO GSM 04.08 and 05.10
Company name: Project: Title:	Alcatel GSM A method of transmitting timing advance data to a mobile moving in cells of an asynchronous- BTS GSM network
Country of registration:	NZ
Patent no.:	NZ 248564
Countries applicable:	NZ
ETSI Deliverable:	GSM 04.08 and 05.10
Company name: Project: Title: Country of registration: Application no.:	Alcatel GSM A method of transmitting timing advance data to a mobile moving in cells of an asynchronous- BTS GSM network CN CN 93-119206
Countries applicable:	CN
ETSI Deliverable:	GSM 04.08 and 05.10
Company name: Project: Title:	Alcatel GSM A method of transmitting timing advance data to a mobile moving in cells of an asynchronous- BTS GSM network
Country of registration:	SG
Patent no.:	SP 9605241-0
Countries applicable:	SG
ETSI Deliverable:	GSM 04.08 and 05.10
Company name: Project: Title:	Alcatel GSM A method of transmitting timing advance data to a mobile moving in cells of an asynchronous- BTS GSM network
Country of registration:	IN
Application no.:	1052/DEL/93
Countries applicable:	IN
ETSI Deliverable:	GSM 04.08 and 05.10
Company name:	Alcatel
Project:	GSM
Title:	Hand-over technique for transferring calls between adjacent cells of cellular phone system
Country of registration:	EPO
Patent no.:	EP 698318
Countries applicable:	AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB
ETSI Deliverable:	GSM 04.08 and 05.10
Company name:	Alcatel
Project:	GSM
Title:	Hand-over technique for transferring calls between adjacent cells of cellular phone system
Country of registration:	FI
Patent no.:	FI 9505437
Countries applicable:	FI
ETSI Deliverable:	GSM 04.08 and 05.10

Company name:	Alcatel
Project:	GSM
Title:	Hand-over technique for transferring calls between adjacent cells of cellular phone system
Country of registration:	
Patent no.:	FR 2705514
Countries applicable:	FR
ETSI Deliverable:	GSM 04.08 and 05.10
ETOI Deliverable.	
Company name:	Alcatel
Project:	GSM
Title:	Hand-over technique for transferring calls between adjacent cells of cellular phone system
Country of registration:	
Patent no.:	AU 9467885
Countries applicable:	AU
ETSI Deliverable:	GSM 04.08 and 05.10
Company name:	Alcatel
Project:	GSM
Title:	
	Hand-over technique for transferring calls between adjacent cells of cellular phone system
Country of registration:	
Application no.:	SerNo 545869
Countries applicable:	US
ETSI Deliverable:	GSM 04.08 and 05.10
Company name:	Alcatel
Project:	GSM
Title:	Mobile Radio Network
Country of registration:	DE
Application no.:	P 36 38 735
Patent no.:	DE 3638735
Countries applicable:	DE
ETSI Deliverable:	GSM 02.16, 03.03 and 04.08
Notes:	jointly owned with Siemens.
Notes:	jointly owned with Siemens.
Notes: Company name:	jointly owned with Siemens. Alcatel
Company name:	Alcatel
Company name: Project:	Alcatel GSM
Company name: Project: Title:	Alcatel GSM A transmission burst organized for discontinuous transmission
Company name: Project: Title: Country of registration:	Alcatel GSM A transmission burst organized for discontinuous transmission FI
Company name: Project: Title: Country of registration: Patent no.:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300
Company name: Project: Title: Country of registration:	Alcatel GSM A transmission burst organized for discontinuous transmission FI
Company name: Project: Title: Country of registration: Patent no.:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Patent no.:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063 GSM 03.60
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063 GSM 03.60 Nokia
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Patent no.: ETSI Deliverable:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063 GSM 03.60 Nokia GSM
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT Nokia GSM Location updating for a packet-switched data service in a mobile communication system
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT Nokia GSM Location updating for a packet-switched data service in a mobile communication system
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Company name: Project: Company name: Project: Company name: Project	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT Nokia GSM Location updating for a packet-switched data service in a mobile communication system AU
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system AU AU 2778795
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.: Patent no.:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063 GSM Location updating for a packet-switched data service in a mobile communication system PCT Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT Nokia GSM Location updating for a packet-switched data service in a mobile communication system AU AU 2778795 AU 9527787
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	Alcatel GSM A transmission burst organized for discontinuous transmission FI FI 9600300 FI GSM 05.03 Nokia GSM Location updating for a packet-switched data service in a mobile communication system FI FI 941652 FI 95984 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system PCT PCT/FI95/00191 WO 9528063 GSM 03.60 Nokia GSM Location updating for a packet-switched data service in a mobile communication system AU AU 2778795

Company name:	Nokia
Project:	GSM
Title:	Location updating for a packet-switched data service in a mobile communication system
Country of registration:	EPO
Application no.:	EP 95915211.7
Patent no.:	EP 754395
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 03.60
Company name:	Nokia
Project:	GSM
Title:	Data Transmission Method In A TDMA Mobile Communication System
Country of registration:	FI
Application no.:	FI 944487
Patent no.:	FI 96557
ETSI Deliverable:	GSM 03.34
Company name:	Nokia
Project:	GSM
Title:	Data Transmission Method In A TDMA Mobile Communication System
Country of registration:	PCT
Application no.:	PCT/FI95/00526
Patent no.:	WO 9610320
ETSI Deliverable:	GSM 03.34
Company name:	Nokia
Project:	GSM
Title:	Data Transmission Method In A TDMA Mobile Communication System
Country of registration:	AU
Application no.:	AU 35239/95
Patent no.:	AU 9535239
ETSI Deliverable:	GSM 03.34
Company name:	Nokia
Project:	GSM
Title:	Data Transmission Method In A TDMA Mobile Communication System
Country of registration:	EPO
Application no.:	EP 95932031
Patent no.:	EP 783826
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 03.34
Company name:	Nokia
Project:	GSM
Title:	Data Transmission Method In A TDMA Mobile Communication System
Country of registration:	FI
Application no.:	FI 944488
Patent no.:	FI 96558
Countries applicable:	FI
ETSI Deliverable:	GSM 03.34
Company name:	Nokia
Project:	GSM
Title:	Data Transmission Method In A TDMA Mobile Communication System
Country of registration:	PCT
Application no.:	PCT/FI95/00527
Patent no.:	WO 9610305
ETSI Deliverable:	GSM 03.34

Company name:	Nokia
Project:	GSM
Title:	Data Transmission Method In A TDMA Mobile Communication System
Country of registration:	EPO
Application no.:	EP 95932032
Patent no.:	EP 783811
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 03.34
Company name:	BT
Project:	GSM
Title:	Telecommunications System
Country of registration:	AU
Patent no.:	685281
Countries applicable:	AU
ETSI Deliverable:	GSM 03.93 and GSM 04.93
Company name:	Mitsubishi Electric Corporation
Project:	GSM
Title:	Control Device for Radio Communication Apparatus
Country of registration:	EPO
Patent no.:	EP 0464 314 A
Countries applicable:	GB, FR, DE, SE
ETSI Deliverable:	GSM 05 series
Notes:	TDMA Timing Control
Company name:	Alcatel
Project:	GSM
Title:	A transmission burst organized for discontinuous transmission
Country of registration:	EPO
Patent no.:	EP 724342
Countries applicable:	AT, BE, DK, FR, DE, IT, NL, NO, ES, SE, CH, GB
ETSI Deliverable:	GSM 05.03
Company name:	Alcatel
Project:	GSM
Title:	Energy saving method in a terminal of a mobile radiocommunication network
Country of registration:	US
Application no.:	SerNo 666428
Countries applicable:	US
ETSI Deliverable:	GSM 03.41 and 04.12
Company name:	Alcatel
Project:	GSM
Title:	A transmission burst organized for discontinuous transmission
Country of registration:	FR
Patent no.:	FR 2729806
Countries applicable:	FR
ETSI Deliverable:	GSM 05.03
Company name:	Alcatel
Project:	GSM
Title:	A transmission burst organized for discontinuous transmission
Country of registration:	AU
Patent no.:	AU 9640950
Countries applicable:	AU
ETSI Deliverable:	GSM 05.03
Company name:	Alcatel
Project:	GSM
Title:	A transmission burst organized for discontinuous transmission
Country of registration:	NZ
Patent no.:	NZ 280835
Countries applicable:	NZ
ETSI Deliverable:	GSM 05.03

Company name:	Alcatel
Project:	GSM
Title:	Communication system for cellular radio telephone network
Country of registration:	EPO
Patent no.:	EP 466078
Countries applicable:	AT, BE, FR, DE, IT, NL, ES, SE, CH, GB
ETSI Deliverable:	GSM 01.78, 02.78, 03.78 and 09.78
Company name:	Alcatel
Project:	GSM
Title:	Communication system for cellular radio telephone network
Country of registration:	US
Patent no.:	US 5533114
Countries applicable:	US
ETSI Deliverable:	GSM 01.78, 02.78, 03.78 and 09.78
Company name:	Alcatel
Project:	GSM
Title:	Communication system for cellular radio telephone network
Country of registration:	
Patent no.:	CA 2046579
Countries applicable:	CA
ETSI Deliverable:	GSM 01.78, 02.78, 03.78 and 09.78
Company name:	Alcatel
Project:	GSM
Title:	Communication system for cellular radio telephone network
Country of registration:	JP
Patent no.:	JP 4255133
Countries applicable:	JP
ETSI Deliverable:	GSM 01.78, 02.78, 03.78 and 09.78
Company name:	Alcatel
Project:	GSM
Project: Title:	GSM Communication system for cellular radio telephone network
Project: Title: Country of registration:	GSM Communication system for cellular radio telephone network TW
Project: Title: Country of registration: Patent no.:	GSM Communication system for cellular radio telephone network TW 57316
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network FR
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network FR 90-12005
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network FR 90-12005 FR 2667476
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network FR 90-12005 FR 2667476 FR GSM 01.78, 02.78, 03.78 and 09.78
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network FR 90-12005 FR 2667476 FR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network FR 90-12005 FR 2667476 FR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network FR 90-12005 FR 2667476 FR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Alcatel GSM Communication transfer in cellular radio telephone network
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Country of registration: Company name: Project: Title: Country of registration: Country of regi	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network FR 90-12005 FR 2667476 FR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication transfer in cellular radio telephone network EPO
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Patent no.:	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network FR 90-12005 FR 2667476 FR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication transfer in cellular radio telephone network EPO EP 438099
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title: Country of registration: Company name: Project: Title: Country of registration: Country of regi	GSM Communication system for cellular radio telephone network TW 57316 TW GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network KR 11673/1991 KR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication system for cellular radio telephone network FR 90-12005 FR 2667476 FR GSM 01.78, 02.78, 03.78 and 09.78 Alcatel GSM Communication transfer in cellular radio telephone network EPO

Company name:	ВТ
Project:	GSM
Title:	Cellular Radio Systems
Country of registration:	
Application no.:	94915668.1
Countries applicable:	AT, BE, DK, FR, DE, IE, IT, NL, PT, ES, SE, CH
ETSI Deliverable:	GSM 02.67, 02.68, 02.69, 03.67, 03.68, 03.69
Company name:	Nokia
Project:	GSM
Title:	Method for locking to the user's card in a portable radio telephone
Country of registration:	
Application no.:	88306554.2
Patent no.:	DE 3889800.4
ETSI Deliverable:	GSM 02.22
Company name:	Alcatel
Project:	GSM
Title:	Energy saving method in a terminal of a mobile radiocommunication network
Country of registration:	
Application no.:	513693/96
Countries applicable:	JP
ETSI Deliverable:	GSM 03.41 and 04.12
Company name:	Dhiling
Company name:	Philips
Project:	GSM
Title:	Multiple-access communications system
Country of registration:	EPO
Application no.:	84201107.4
Patent no.:	EP 0 134 057
Fatent no	EF 0 134 037
<u></u>	
Company name:	Matra
Project:	GSM
Title:	Procédé et Installation de Radiotéléphonie Numérique notamment de Radiotéléphonie
	Cellulaire de Communication avec les Mobiles
Country of registration:	EPO
Country of registration:	
Application no.:	0472 460 B1
Application no.: Countries applicable:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE
Application no.:	0472 460 B1
Application no.: Countries applicable:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE
Application no.: Countries applicable:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE
Application no.: Countries applicable: ETSI Deliverable: Company name:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips
Application no.: Countries applicable: ETSI Deliverable: Company name: Project:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM
Application no.: Countries applicable: ETSI Deliverable: Company name:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys.
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM
Application no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937
Application no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips
Application no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937
Application no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips
Application no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Company name: Project: Title:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder
Application no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Company name: Project: Title: Country of registration:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder EPO
Application no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Title: Company name: Project: Title: Country of registration: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder EPO 86200434.8
Application no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Company name: Project: Title: Country of registration:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder EPO
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Patent no.: Project: Title: Country of registration: Application no.: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder EPO 86200434.8 EP 0 195 487 B1
Application no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Title: Company name: Project: Title: Country of registration: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder EPO 86200434.8 EP 0 195 487 B1 Philips
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Patent no.: Project: Title: Country of registration: Application no.: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder EPO 86200434.8 EP 0 195 487 B1
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder EPO 86200434.8 EP 0 195 487 B1 Philips GSM
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder EPO 86200434.8 EP 0 195 487 B1 Philips GSM Dienstintegriertes Funkübertragungssystem
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder EPO 86200434.8 EP 0 195 487 B1 Philips GSM Dienstintegriertes Funkübertragungssystem EPO
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder EPO 86200434.8 EP 0 195 487 B1 Philips GSM Dienstintegriertes Funkübertragungssystem EPO 86200724.2
Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	0472 460 B1 BE, DE, DK, ES, GB, IT, LU, NL, SE GSM 04.08, V4.9.0 Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys. EPO 83201766.9 EP 0 111 971 B1 Philips GSM DE DE-PS 34 10 937 Philips GSM Multi-pulse excitation linear-predictive speech coder EPO 86200434.8 EP 0 195 487 B1 Philips GSM Dienstintegriertes Funkübertragungssystem EPO

Company name: Project: Country of registration: Application no.: Patent no.: Company name:	87200545.9 EP 0 240 073 B1 BT
Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	GSM Voice Activity Detector EPO EP335521 AT, BE, CH, DE, ES, FR, GB, GR, IT, LU, NL, SE BT have stated that the identified patents may be relevant to the full rate GSM Voice Activity Detector, that the patents claim priority form GB 880 9795 and that the patent was the subject of a BT/ETSI undertaking dated 4th April 1990. It should be noted that the provisions of this undertaking provides for royalty free licences if certain conditions are satisfied by a licensee. BT contact (see note 2).
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Philips GSM Verfahren zum Zugreifen auf Übertragungskanäle eines Nachrichtenübertragungssystems EPO 82107529.8 EP 0 073 014 B1
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Philips GSM Verfahren und Steuereinrichtung zur Verteilung der Verkehrsmenge auf verschiedene Organisationskanäle eines Funkübertragungssys EPO 83201765.1 EP 0 111 970 B1
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Philips GSM Verfahren und Steuereinrichtung zum Auswählen eines Organisationskanals in einer beweglichen Funkstation eines Funkübertragungs EPO 83201767.7 EP 0 111 972 B1
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Philips GSM Verfahren zur Überwachung einer zwischen ortsfester Funkstation und beweglicher Funkstation bestehenden Funkverbindung EPO 83201768.5 EP 0 111 973 B1
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	Philips GSM Procédé pour reconnaître l'utilisation illicite d'une identification FR 8504296 FR 256 184 1 FR
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	Philips GSM TDMA system of transmitting information between a central station and sub-stations GB 8207811 GB 209 55 16 GB

Company name:	Alcatel
Project:	GSM
Title:	Energy saving method in a terminal of a mobile radiocommunication network
Country of registration:	AU
Patent no.:	AU 9538092
Countries applicable:	AU
ETSI Deliverable:	GSM 03.41 and 04.12
Company name:	Alcatel
Project:	GSM
Title:	Frame at the TRAU-BTS interface in a cellular radiocommunication network
Country of registration:	
Patent no.:	AU 9523340
	AU 9525540 AU
Countries applicable:	
ETSI Deliverable:	GSM 08.61
<u></u>	
Company name:	Mitsubishi Electric Corporation
Project:	GSM
Title:	Control Device for Radio Communication Apparatus
Country of registration:	
Patent no.:	CA 2 038 645
Countries applicable:	CA
ETSI Deliverable:	GSM 05 series
Notes:	TDMA Timing Control
Company name:	Alcatel
Project:	GSM
Title:	Energy saving method in a terminal of a mobile radiocommunication network
Country of registration:	
Application no.:	WO 96131134
Countries applicable:	AT, BE, FR, DE, IT, NL, ES, SE, GB
ETSI Deliverable:	GSM 03.41 and 04.12
Erer Benverable.	
Company name:	Alcatel
Company name: Project:	Alcatel GSM
Company name: Project: Title:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network
Company name: Project: Title: Country of registration:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR
Company name: Project: Title: Country of registration: Patent no.:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR
Company name: Project: Title: Country of registration: Patent no.:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM 03.41 and 04.12
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Company name: Project: Title:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM 03.41 and 04.12
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM 03.41 and 04.12 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN 271/DEL/95
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.: Countries applicable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN 271/DEL/95 IN
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN 271/DEL/95
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN 271/DEL/95 IN GSM 08.61
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN 271/DEL/95 IN GSM 08.61 Philips
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN 271/DEL/95 IN GSM 08.61 Phillips GSM
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN Z71/DEL/95 IN GSM 08.61 Philips GSM Digitales Funkübertragungssystem mit variabler Zeitschlitzdauer der Zeitschlitze im
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Company name: Project: Title:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN 271/DEL/95 IN GSM 08.61 Philips GSM Digitales Funkübertragungssystem mit variabler Zeitschlitzdauer der Zeitschlitze im Zeitmultiplexrahmen
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN 271/DEL/95 IN GSM 08.61 Philips GSM Digitales Funkübertragungssystem mit variabler Zeitschlitzdauer der Zeitschlitze im Zeitmultiplexrahmen EPO
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN Z71/DEL/95 IN GSM 08.61 Philips GSM Digitales Funkübertragungssystem mit variabler Zeitschlitzdauer der Zeitschlitze im Zeitmultiplexrahmen EPO 86201267.1
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable:	Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FR FR 2726147 FR GSM 03.41 and 04.12 Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network FI FI 9602541 FI GSM 03.41 and 04.12 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network IN 271/DEL/95 IN GSM 08.61 Philips GSM Digitales Funkübertragungssystem mit variabler Zeitschlitzdauer der Zeitschlitze im Zeitmultiplexrahmen EPO

Company nome:	Alcotol
Company name: Project:	Alcatel GSM
Title:	Frame at the TRAU-BTS interface in a cellular radiocommunication network
Country of registration:	
Patent no.:	NZ 272491
Countries applicable:	NZ
ETSI Deliverable:	GSM 08.61
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Company name:	Philips GSM
Project: Title:	Information transmission system
Country of registration:	GB
Application no.:	8008510
Patent no.:	GB 2063011
Countries applicable:	GB
	Alestal
Company name: Project:	Alcatel GSM
Title:	Frame at the TRAU-BTS interface in a cellular radiocommunication network
Country of registration:	
Application no.:	SerNo 496749
Countries applicable:	US
ETSI Deliverable:	GSM 08.61
Company name:	Alcatel
Project:	GSM
Title:	Frame at the TRAU-BTS interface in a cellular radiocommunication network
Country of registration:	FR
Patent no.:	FR 2722353
Countries applicable:	FR
ETSI Deliverable:	GSM 08.61
Company name:	Alcatel
Company name: Project:	Alcatel GSM
Project: Title: Country of registration:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI
Project: Title: Country of registration: Patent no.:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345
Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI
Project: Title: Country of registration: Patent no.:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345
Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM Improvements in or relating to Digital Filters
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM Improvements in or relating to Digital Filters GB
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM Improvements in or relating to Digital Filters GB 8104155
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM Improvements in or relating to Digital Filters GB
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM Improvements in or relating to Digital Filters GB 8104155 GB 2069799 GB
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Title: Country of registration: Application no.: Patent no.: Countries applicable:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM Improvements in or relating to Digital Filters GB 8104155 GB 2069799 GB
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Countries applicable: Countries applicable: Countries applicable:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM Improvements in or relating to Digital Filters GB 8104155 GB 2069799 GB Alcatel GSM
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Countries applicable: Countries applicable: Company name: Project: Title: Countries applicable:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM Improvements in or relating to Digital Filters GB 8104155 GB 2069799 GB Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Company name: Project: Title: Country of registration: Country of registration: Countr	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM Improvements in or relating to Digital Filters GB 8104155 GB 2069799 GB Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network CA
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Patent no.:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM Improvements in or relating to Digital Filters GB 8104155 GB 2069799 GB
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Countries applicable:	GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network FI FI 9503345 FI GSM 08.61 Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network EPO EP 692919 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 08.61 Philips GSM Improvements in or relating to Digital Filters GB 8104155 GB 2069799 GB Alcatel GSM Energy saving method in a terminal of a mobile radiocommunication network CA

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	Alcatel GSM Frame at the TRAU-BTS interface in a cellular radiocommunication network CN 95-115005 CN GSM 08.61
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Motorola GSM Selective Call Paging and Priority Signalling System DK Published 170 085 DK GSM 04.08
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	Matra GSM Procédé et Installation de Radiotéléphonie Numérique notamment de Radiotéléphonie Cellulaire de Communication avec les Mobiles FI 91 03 903 FI GSM 04.08, V4.9.0
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Bull CP8 GSM A Method for Certifying the Origin of at Least One Item of Information Stored in the Memory of a First Electronic Device and Tra FR 2 530 053 FR GSM 02.09, GSM 03.20 and GSM 11.11 CP8 Transac have stated that: all of the listed patents may be Essential to the GSM Standards and be of particular relevance to the subscriber identification module (SIM), as well as the terminals (personal telephone sets). The corresponding foreign patents/patent applications can be readily identified from the listed French patents. Non-exclusive world-wide licences are available on fair, reasonable and non-discriminatory terms and conditions.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Bull CP8 GSM SIM Personal Telephone Sets FR 2 566 880 FR GSM 02.09, GSM 03.20 and GSM 11.11 CP8 Transac have stated that: all of the listed patents may be Essential to the GSM Standards and be of particular relevance to the subscriber identification module (SIM), as well as the terminals (personal telephone sets). The corresponding foreign patents/patent applications can be readily identified from the listed French patents. Non-exclusive world-wide licences are available on fair, reasonable and non-discriminatory terms and conditions.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Lupa Finances GSM Automatic Telephone Number Dialler CH 6127/81 CH An evaluation report for Lupa Finances' published European patent application, EP 0 075 120 A1 has been prepared by N&M Consultancy Limited, at the request of the ETSI Secretariat, and a copy of this report can be made available to ETSI Members, on REQUEST, from the ETSI Secretariat.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	Lupa Finances GSM Automatic Telephone Number Dialler EPO Published A1-0 075 120 AT, BE, DE, FR, GB, IT, LU, NL, SE An evaluation report for Lupa Finances' published European patent application, EP 0 075 120 A1 has been prepared by N&M Consultancy Limited, at the request of the ETSI Secretariat, and a copy of this report can be made available to ETSI Members, on REQUEST, from the ETSI Secretariat.
Company name: Project: Title: Country of registration: Application no.:	Matra GSM Procédé de pseudo-synchronisation d'un réseau de communication à multiplexage dans le temps et applications FR 89 05 469
Countries applicable:	FR
ETSI Deliverable:	GSM 04.08 and 05.10
Company name: Project: Title:	Matra GSM Procédé et installation de radiotéléphonie numérique notamment de radiotéléphonie cellulaire de communication avec les mobiles
Country of registration:	FR
Application no.:	90 10 485
ETSI Deliverable:	GSM 04.08, V4.9.0
Company name:	Motorola
Project:	GSM
Title:	Radio Arrangement having Two Radios Sharing Circuitry
Country of registration:	DK
Application no.:	1852/89
Countries applicable:	DK
Notes:	Applies broadly to GSM.
Company name:	Motorola
Project:	GSM
Title:	Digital Speech Coding having improved Vector Excitation Source
Country of registration:	DK
Application no.:	4381/89
Countries applicable:	DK
ETSI Deliverable:	GSM 06.20
Company name:	Motorola
Project:	GSM
Title:	TDM Communication System Efficient Spectrum Utilization
Country of registration:	DK
Application no.:	6161/87
Countries applicable:	DK
ETSI Deliverable:	GSM 05.01
Company name:	Motorola
Project:	GSM
Title:	Cellular Voice & Data Telephone System
Country of registration:	DK
Application no.:	859/86
Countries applicable:	DK
Notes:	Applies broadly to GSM.

Company name:	Motorola
Project:	GSM
Title:	General Purpose Data Control System
Country of registration:	DK
Patent no.:	Published 129 884
Countries applicable:	DK
ETSI Deliverable:	GSM 04.08
ETO Deliverable.	
	Dull ODA
Company name:	Bull CP8
Project:	GSM
Title:	A Process and System for Transmission of Signed Messages
Country of registration:	
Patent no.:	2 480 539
Countries applicable:	FR
ETSI Deliverable:	GSM 02.09, GSM 03.20 and GSM 11.11
Notes:	CP8 Transac have stated that: all of the listed patents may be Essential to the GSM
	Standards and be of particular relevance to the subscriber identification module (SIM), as well
	as the terminals (personal telephone sets). The corresponding foreign patents/patent
	applications can be readily identified from the listed French patents. Non-exclusive world-wide
	licences are available on fair, reasonable and non-discriminatory terms and conditions.
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Company name:	Motorola
Project:	GSM
Title:	Data Signalling System
Country of registration:	
Patent no.:	Published 170 082
Countries applicable:	DK
ETSI Deliverable:	GSM 04.08
LISI Deliverable.	
	D.dl OD0
Company name:	Bull CP8
Project:	GSM
Title:	A Method and System for Transmission of Confidential Data
Country of registration:	FR
Patent no.:	2 477 344
Countries applicable:	FR
ETSI Deliverable:	GSM 02.09, GSM 03.20 and GSM 11.11
Notes:	CP8 Transac have stated that: all of the listed patents may be Essential to the GSM
	Standards and be of particular relevance to the subscriber identification module (SIM), as well
	as the terminals (personal telephone sets). The corresponding foreign patents/patent
	applications can be readily identified from the listed French patents. Non-exclusive world-wide
	licences are available on fair, reasonable and non-discriminatory terms and conditions.
Company name:	Motorola
Project:	GSM
Title:	Colocated Cellular Radiotelephone Systems
Country of registration:	EPO
Application no.:	88306565.8
Countries applicable:	EPO
ETSI Deliverable:	ETR 314
Notes:	Applies broadly to GSM.
Company name:	Motorola
Project:	GSM
Title:	
	Digital Radio Communication System and Two-Way Radio
Country of registration:	
Application no.:	90 906636.7
Countries applicable:	EPO
Notes:	Applies broadly to GSM.
Company name:	Motorola
Project:	
	GSM
Title:	
	Selective Call Paging and Priority Signalling System
Country of registration:	Selective Call Paging and Priority Signalling System EPO
Country of registration: Patent no.:	Selective Call Paging and Priority Signalling System EPO EP B1 0115 499
Country of registration: Patent no.: Countries applicable:	Selective Call Paging and Priority Signalling System EPO EP B1 0115 499 FR, GB, NL, SE
Country of registration: Patent no.:	Selective Call Paging and Priority Signalling System EPO EP B1 0115 499

Company name:	Motorola
Project:	GSM
Title:	General Purpose Data Control System
Country of registration:	EPO
Patent no.:	EP B1 0115 507
Countries applicable:	CH, DE, FR, GB, NL, LI, SE
ETSI Deliverable:	GSM 04.08
Company name:	Motorola
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GSM Two-way personal message with extended coverage
Company name:	Motorola
Project:	GSM
Title:	Cellular Voice & Data Telephone System
Country of registration:	EPO
Patent no.:	EP B1 0188 554
Countries applicable:	AT, BE, CH, DE, FR, GB, IT, NL, SE
Notes:	Applies broadly to GSM.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Motorola GSM Method of Operating a Radio Trans. or Comm. System including Central Sta. and a plurality of Indi. Remotesta. , a Radio Trans. o EPO EP B1 0269 643 AT, BE, CH, LI, FR, GB, IT, LU, NL, SE GSM 05.08
Company name:	Motorola
Project:	GSM
Title:	Radio Arrangement having Two Radios Sharing Circuitry
Country of registration:	EPO
Patent no.:	EP 0 310 876
Countries applicable:	AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE
Notes:	Applies broadly to GSM.
Company name:	Motorola
Project:	GSM
Title:	Trunked Communication System with Nationwide Roaming Capability
Country of registration:	EPO
Patent no.:	Published A1-0 398 911
Countries applicable:	AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
Notes:	Applies broadly to GSM.
Company name:	Motorola
Project:	GSM
Title:	Method and Apparatus for Controlling a TDM Communication Device
Country of registration:	EPO
Patent no.:	Published A1-0538546
Countries applicable:	AT, BE, CH, DE, FR, GB, IT, LU, NL, SE
ETSI Deliverable:	GSM 05.01
Company name:	Motorola
Project:	GSM
Title:	Error Protection for Multi-Mode Speech Coders
Country of registration:	EPO
Patent no.:	Published A1-0556354
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 06.20

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading EPO Published A2-0 318 686 AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE Applies broadly to GSM.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Motorola GSM Cellular Radio Telephone with Dropped Call Protection EPO Published A2-0 325 713 AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE GSM 04.08
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	Motorola GSM Method of Operating a Radio Trans. or Comm. System including Central Sta. and a plurality of Indi. Remotesta. , a Radio Trans. o DK Published 165 273 DK GSM 05.08
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Multipulse LPC Speech Processing Arrangement US 4 701 954 US AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Digital Speech Encoder FR 8 219 772 FR AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Digital Speech Encoder DE 3 244 476 DE AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.

ETSI

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Digital Speech Encoder GB 2 110 906 GB AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Digital Speech Encoder JP 1 332 758 JP AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Digital Speech Encoder SE Published 456 618 SE AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Digital Speech Coder SE 4 674 298-6 SE AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.

Company name:	AT&T
Project:	GSM
Title:	Digital Speech Coder
Country of registration:	
Patent no.:	RE 32 580
Countries applicable:	
Notes:	AT&T have stated that all of the identified patents have corresponding foreign pending
	applications but they have elected to provide details of granted patents only -as, and when,
	patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have
	stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd,
	Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580-
	5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take
	responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name:	AT&T
	GSM
Project:	
Title:	Multipulse LPC Speech Processing Arrangement
Country of registration:	
Patent no.:	0 175 752
Countries applicable:	BE
Notes:	AT&T have stated that all of the identified patents have corresponding foreign pending
	applications but they have elected to provide details of granted patents only -as, and when,
	patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have
	stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd,
	Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580-
	5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take
	responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name	ΛΤΩΤ
Company name:	AT&T
Project:	GSM
Project: Title:	GSM Multipulse LPC Speech Processing Arrangemen
Project: Title: Country of registration:	GSM Multipulse LPC Speech Processing Arrangemen CA
Project: Title: Country of registration: Patent no.:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568
Project: Title: Country of registration:	GSM Multipulse LPC Speech Processing Arrangemen CA
Project: Title: Country of registration: Patent no.:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568
Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending
Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when,
Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have
Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd,
Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580-
Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take
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Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided. AT&T GSM Multipulse LPC Speech Processing Arrangement
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided. AT&T GSM Multipulse LPC Speech Processing Arrangement FR
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided. AT&T GSM Multipulse LPC Speech Processing Arrangement FR 0 175 752
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided. AT&T GSM Multipulse LPC Speech Processing Arrangement FR
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence BIvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided. AT&T GSM Multipulse LPC Speech Processing Arrangement FR 0 175 752 FR
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided. AT&T GSM Multipulse LPC Speech Processing Arrangement FR 0 175 752 FR AT&T have stated that all of the identified patents have corresponding foreign pending
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (TeI: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided. AT&T GSM Multipulse LPC Speech Processing Arrangement FR 0 175 752 FR AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when,
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Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence BIvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided. AT&T GSM Multipulse LPC Speech Processing Arrangement FR 0 175 752 FR AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 400 - 400
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided. AT&T GSM Multipulse LPC Speech Processing Arrangement FR 0 175 752 FR AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Multipulse LPC Speech Processing Arrangemen CA 1 222 568 CA AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence BIvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided. AT&T GSM Multipulse LPC Speech Processing Arrangement FR 0 175 752 FR AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 400 - 400

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Multipulse LPC Speech Processing Arrangement DE 3 575 624 DE AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	0 175 752 GB AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Patent no.: ETSI Deliverable:	Bull CP8 GSM - CP8 Ref: 2415 FR 2 483 657 GSM 02.09, GSM 03.20 and GSM 11.11
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Multipulse LPC Speech Processing Arrangement SE 0 175 752 SE AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	Motorola GSM Selective System Scan for Multizone Radiotelephone Subscriber Units EPO Published A2-0 352 786 AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL Applies broadly to GSM.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Paging Arrangements in a Cellular Mobile Switching System US 5 278 890 US AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	5 396 543 US AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Arrangement for Detecting Fraudulently Identified Mobile Stations in a Cellular Mobile Telecommunications Switching System US 5 309 501 US AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AT&T GSM Arrangement for Obtaining Authentication Key Parameters in a Cellular Mobile Telecommunications Switching Network US 5 329 573 US AT&T have stated that all of the identified patents have corresponding foreign pending applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd, Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580- 5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	BT GSM Voice Activity Detector for Half Rate GSM Coder IN 890/MAS/94 (filed 13 Sept. 94) ETS 300 581-6 and 300 580-7 BT have stated that: the identified patent applications may be relevant to the half rate GSM voice activity detector described in the following recommendations: ETS 300 581-6 and ETS 300 580-7. The priorities claimed for the identified patent applications are as follows/ European 93307211.8 dated 14th September 1993. UK 9324967.0 dated 6th December 1993 and UK 9412451.8 dated 21st June 1994; and the BT contact is Dr Martin Read, BT Group Legal Services, Intellectual Property Department, 8th floor, Holborn Centre, 120 Holborn, London EC1N 2TE (Tel: +44 171 492 8152; Fax: +44 171 242 0616).
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	BT GSM Voice Activity Detector for Half Rate GSM Coder MY PI 9402448 (filed 14 Sept. 94) ETS 300 581-6 and 300 580-7 BT have stated that: the identified patent applications may be relevant to the half rate GSM voice activity detector described in the following recommendations: ETS 300 581-6 and ETS 300 580-7. The priorities claimed for the identified patent applications are as follows/ European 93307211.8 dated 14th September 1993. UK 9324967.0 dated 6th December 1993 and UK 9412451.8 dated 21st June 1994; and the BT contact is Dr Martin Read, BT Group Legal Services, Intellectual Property Department, 8th floor, Holborn Centre, 129 Holborn, London EC1N 2TE (Tel: +44 171 492 8152; Fax: +44 171 242 0616).
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	BT GSM Voice Activity Detector for Half Rate GSM Coder US 158 852 (filed 29 Nov. 93) US ETS 300 581-6 and 300 580-7 BT have stated that: the identified patent applications may be relevant to the half rate GSM voice activity detector described in the following recommendations: ETS 300 581-6 and ETS 300 580-7. The priorities claimed for the identified patent applications are as follows/ European 93307211.8 dated 14th September 1993. UK 9324967.0 dated 6th December 1993 and UK 9412451.8 dated 21st June 1994; and the BT contact is Dr Martin Read, BT Group Legal Services, Intellectual Property Department, 8th floor, Holborn Centre, 120 Holborn, London EC1N 2TE (Tel: +44 171 492 8152; Fax: +44 171 242 0616).
Company name: Project: Country of registration: Application no.: Notes:	BT GSM US 232 475 (filed 25 Apr. 94) BT have stated that: the identified patent applications may be relevant to the half rate GSM voice activity detector described in the following recommendations: ETS 300 581-6 and ETS 300 580-7. The priorities claimed for the identified patent applications are as follows/ European 93307211.8 dated 14th September 1993. UK 9324967.0 dated 6th December 1993 and UK 9412451.8 dated 21st June 1994; and the BT contact is Dr Martin Read, BT Group Legal Services, Intellectual Property Department, 8th floor, Holborn Centre, 120 Holborn, London EC1N 2TE (Tel: +44 171 492 8152; Fax: +44 171 242 0616).
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Bull CP8 GSM Data processing System for Protecting the Secrecy of Confidential Information FR 2 392 447 FR GSM 02.09, GSM 03.20 and GSM 11.11 CP8 Transac have stated that: all of the listed patents may be Essential to the GSM Standards and be of particular relevance to the subscriber identification module (SIM), as well as the terminals (personal telephone sets). The corresponding foreign patents/patent applications can be readily identified from the listed French patents. Non-exclusive world-wide licences are available on fair, reasonable and non-discriminatory terms and conditions.

Company name: Project: Title:	Bull CP8 GSM Data Processing System which Protects the Secrecy of Confidential Information
Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	2 401 459 FR GSM 02.09, GSM 03.20 and GSM 11.11 CP8 Transac have stated that: all of the listed patents may be Essential to the GSM Standards and be of particular relevance to the subscriber identification module (SIM), as well as the terminals (personal telephone sets). The corresponding foreign patents/patent applications can be readily identified from the listed French patents. Non-exclusive world-wide licences are available on fair, reasonable and non-discriminatory terms and conditions.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Bull CP8 GSM SIM Personal Telephone Sets FR 2 460 506 FR GSM 02.09, GSM 03.20 and GSM 11.11 CP8 Transac have stated that: all of the listed patents may be Essential to the GSM Standards and be of particular relevance to the subscriber identification module (SIM), as well as the terminals (personal telephone sets). The corresponding foreign patents/patent applications can be readily identified from the listed French patents. Non-exclusive world-wide licences are available on fair, reasonable and non-discriminatory terms and conditions.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Bull CP8 GSM A Device for Transmitting Signals between two Data Processing Stations FR 2 483 713 FR GSM 02.09, GSM 03.20 and GSM 11.11 CP8 Transac have stated that: all of the listed patents may be Essential to the GSM Standards and be of particular relevance to the subscriber identification module (SIM), as well as the terminals (personal telephone sets). The corresponding foreign patents/patent applications can be readily identified from the listed French patents. Non-exclusive world-wide licences are available on fair, reasonable and non-discriminatory terms and conditions. They will respect the commitment made by Bull S.A. to the International Standards Organisation (ISO), which is mentioned in the introduction to ISO Standard 7816, to grant non-exclusive, non-transferrable, world-wide, irrevocable fully paid up licences, with no right to sub-licence, for the ISO standard, either independently, or in conjunction with other standards (eg GSM Standards), for FR 2 483 713 and its foreign equivalents - the fully paid up cost for this licence is FRF 25,000.00; and the fully paid up licence for FR 2 483 713 and its foreign equivalents covers the use of the ISO standard in the ETSI Standard, but does not extend to other patents, including the patents listed in the schedule.

Company name: Project:	AT&T GSM
Title:	Multipulse LPC Speech Processing Arrangement
Country of registration: Patent no.:	NL 0 175 752
Countries applicable:	NL
Notes:	AT&T have stated that all of the identified patents have corresponding foreign pending
	applications but they have elected to provide details of granted patents only -as, and when, patents are granted pursuant to the pending applications, ETSI will be informed. AT&T have
	stated to ETSI that Licensing enquires should be sent to: AT&T, 10 Independence Blvd,
	Warren, NJ 07059-6799, USA, marked for the attention of: Herb Winfield (Tel: +1 908 580-
	5916, Fax: +1 908 580-4082). However, indications are that Lucent Technologies will take responsibility for the licensing of AT&T's patents. No other contact has been provided.
	responsibility for the licensing of ATAT's patents. No other contact has been provided.
Company name:	Ericsson
Project:	GSM
Title: Country of registration:	Transmitter Power Control for Radio Telephone System.
Patent no.:	GB 2 233 517
Countries applicable:	GB
Notes:	Ericsson OMC Ltd
Company name:	Motorola
Project:	GSM
Title:	Digital Speech Coding having improved Vector Excitation Source
Country of registration: Application no.:	NO 893202
Countries applicable:	NO
ETSI Deliverable:	GSM 06.20.
Company name:	Motorola
Project:	GSM
Title:	Digital radio communication system and two-way radio
Country of registration: Application no.:	NO PCT/US 90/01829
Countries applicable:	NO
Notes:	Applies broadly to GSM.
Company name:	Motorola
Project:	GSM Salasting Call Design and Drivity Generalizer Contact
Title: Country of registration:	Selective Call Paging and Priority Signalling System
Patent no.:	168 079
Countries applicable:	NO
ETSI Deliverable:	GSM 04.08
Company name:	Motorola
Project: Title:	GSM Data Signalling System
Country of registration:	
Patent no.:	169 415
Countries applicable:	NO
ETSI Deliverable:	GSM 04.08
Company name:	Motorola
Project:	GSM Callular Vicina & Data Talanhana Sustam
Title: Country of registration:	Cellular Voice & Data Telephone System NO
Patent no.:	169 810
Countries applicable:	NO
Notes:	Applies broadly to GSM.

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Company name:	Motorola
Project:	GSM
Title:	General Purpose Data Control System
Country of registration:	NO
Patent no.:	173 799
Countries applicable:	NO
ETSI Deliverable:	GSM 04.08
Company name:	Motorola
Project:	GSM
Title:	General Purpose Data Control System
Country of registration:	GB
Application no.:	9422823.6
Countries applicable:	GB
ETSI Deliverable:	GSM 06.20
Company name:	Motorola
Project:	GSM
Title:	Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder
Country of registration:	GB
Application no.:	9420077.1
Countries applicable:	GB
ETSI Deliverable:	GSM 06.20
Company name:	Motorola
Project:	GSM
Title:	An Antenna Array for a Cellular RF Communications System.
Country of registration:	GB
Patent no.:	1 573 560
Countries applicable:	GB
Notes:	Applies broadly to GSM.
	Motorolo
Company name:	Motorola
Project:	GSM
Project: Title:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder
Project: Title: Country of registration:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE
Project: Title: Country of registration: Application no.:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8
Project: Title: Country of registration: Application no.: Countries applicable:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE
Project: Title: Country of registration: Application no.:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE GSM 06.20
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE GSM 06.20 Nokia
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE GSM 06.20 Nokia GSM
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Company name: Project: Country of registration:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE GSM 06.20 Nokia GSM GB
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Country of registration: Application no.:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE GSM 06.20 Nokia GSM GB GB 9512284
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Country of registration: Application no.: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE GSM 06.20 Nokia GSM GB GSM GB Nokia Mobile Phones, Finland, have stated that: Nokia's proposal for Enhanced Full Rate (EFR) speech codec for the GSM Standard resulted from co-operation between Nokia,
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Country of registration: Application no.: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE GSM 06.20 Nokia GSM GB GB 9512284 GB Nokia Mobile Phones, Finland, have stated that: Nokia's proposal for Enhanced Full Rate (EFR) speech codec for the GSM Standard resulted from co-operation between Nokia, Universite de Sherbrooke (USH) and Siprolab Telecom Inc.; USH own the identified Canadian
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Country of registration: Application no.: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE GSM 06.20 Nokia GSM GB GB 9512284 GB Nokia Mobile Phones, Finland, have stated that: Nokia's proposal for Enhanced Full Rate (EFR) speech codec for the GSM Standard resulted from co-operation between Nokia, Universite de Sherbrooke (USH) and Siprolab Telecom Inc.; USH own the identified Canadian patent application and all corresponding patents and/or patent applications - not identified by
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Country of registration: Application no.: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE GSM 06.20 Nokia GSM GB GB 9512284 GB Nokia Mobile Phones, Finland, have stated that: Nokia's proposal for Enhanced Full Rate (EFR) speech codec for the GSM Standard resulted from co-operation between Nokia, Universite de Sherbrooke (USH) and Siprolab Telecom Inc.; USH own the identified Canadian patent applications - not identified by Nokia; Nokia owns the identified UK patent application; and Nokia has the exclusive right to
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Country of registration: Application no.: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE GSM 06.20 Nokia GSM GB 06.20 Nokia GB 9512284 GB Nokia Mobile Phones, Finland, have stated that: Nokia's proposal for Enhanced Full Rate (EFR) speech codec for the GSM Standard resulted from co-operation between Nokia, Universite de Sherbrooke (USH) and Siprolab Telecom Inc.; USH own the identified Canadian patent application and all corresponding patents and/or patent applications - not identified by Nokia; Nokia owns the identified UK patent application; and Nokia has the exclusive right to licence any patents owned by USH, or Siprolab which are Essential to the implementation of
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Company name: Project: Country of registration: Application no.: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder SE 9403630-8 SE GSM 06.20 Motorola GSM Vector Quantizer Method and Apparatus SE 9404086 SE GSM 06.20 Nokia GSM GB GB 9512284 GB Nokia Mobile Phones, Finland, have stated that: Nokia's proposal for Enhanced Full Rate (EFR) speech codec for the GSM Standard resulted from co-operation between Nokia, Universite de Sherbrooke (USH) and Siprolab Telecom Inc.; USH own the identified Canadian patent applications - not identified by Nokia; Nokia owns the identified UK patent application; and Nokia has the exclusive right to

Company name:	Motorola
Project:	GSM
Title:	Packet Switched Cellular Telephone System
Country of registration:	EPO
Patent no.:	Published A2-0 332 818
Countries applicable:	AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE
ETSI Deliverable:	GSM 05.08
Company name:	Ericsson
Project:	GSM
Title:	Improvements in, or relating to, Equalisers
Country of registration:	GB
Patent no.:	GB 2 215 567
Countries applicable:	GB
Notes:	Ericsson OMC Ltd
Company name:	Motorola
Project:	GSM
Title:	General Purpose Data Control System
Country of registration:	IT
Patent no.:	1 168 620
Countries applicable:	IT
ETSI Deliverable:	GSM 04.08
Company name:	Ericsson
Project:	GSM
Title:	Power Booster
Country of registration:	GB
Patent no.:	GB 2 251 768
Countries applicable:	GB
Notes:	Ericsson OMC Ltd
Company name:	Philips
Project:	GSM
Country of registration:	DE
Patent no.:	DE-PS 32 09 381
Company name:	Telia AB
Project:	GSM
Title:	Method and Arrangement for increasing capacity in a Mobile Telephone System
Country of registration:	EPO
Application no.:	91903207.8
Patent no.:	0 513 089 B1
Company name:	Telia AB
Project:	GSM
Title:	Method of Location in a Mobile Radio System
Country of registration:	EPO
Application no.:	91916715.5
Patent no.:	0 551 310 B1
Company name:	Telia AB
Project:	GSM
Title:	A Method and Arrangement for Performance Monitoring in a Telecommunications Network
Country of registration:	EPO
Application no.:	92850263.2
Company name:	Telia AB
Project:	GSM
Title:	A Mobile Telecommunication System having aa Auxilliary Routing Arrangement
Country of registration:	EPO
Application no.:	92850286.3

Company name:	Telia AB
Project:	GSM
Title:	Anntenna Arrangement Device
Country of registration:	
Application no.:	92850035.2
Company name:	Telia AB
Project:	GSM
Title:	A Method and an Arrangement for dynamic allocation of Multiple Carrier Wave Channels for
	Multiple access by Frequency Division M
Country of registration:	
Application no.:	94900333.9
Company name:	Telia AB
Project:	GSM
Title:	Arrangement in Mobile Communication System for extending the range between one or more
The.	Mobile Units and Base Stations
Country of registration:	
Application no.:	94904363.2
Application no	0.000.000.2
Company name:	Telia AB
Project:	GSM
Title:	Method for locating Mobile Stations in a Digital Telephone Network
Country of registration:	
Application no.:	94850095.4
Company name:	Telia AB
Project:	GSM
Title:	Procedure at Telecommunications Systems which makes possible a reduction of the Digital
	Processing
Country of registration:	
Application no.:	PCT/SE 95/00850
Company name:	Telia AB
Project:	GSM
Title:	Device for increasing the speed in a Digital Mobile Radio System
Country of registration:	
Application no.:	95850184.3
Application no.	
Company name:	BT
Project:	GSM
Title:	Voice Activity Detector
Country of registration:	
Patent no.:	EP 0 335 521
Countries applicable:	AT, BE, CH, DE, ES, FR, GB, GR, IT, LU, NL, SE
Notes:	BT have stated that the identified patent may be relevant to the full rate GSM voice activity
	detector, that the patent claims priority from GB 8805795, and that the patent was the subject
	of a BT/ETSI undertaking dated 4th April 1990. It should be noted that the provisions of this
	undertaking provides for royalty free licences if certain conditions are satisfied by a licensee.
Company nome-	Nakia
Company name:	Nokia GSM
Project:	
Country of registration: Application no.:	010 830
Countries applicable: Notes:	CA Nokia Mobile Phones, Finland, have stated that: Nokia's proposal for Enhanced Full Rate
110163.	(EFR) speech codec for the GSM Standard resulted from co-operation between Nokia,
	Universite de Sherbrooke (USH) and Siprolab Telecom Inc.; USH own the identified Canadian
	patent application and all corresponding patents and/or patent applications - not identified by
	Nokia; Nokia owns the identified UK patent application; and Nokia has the exclusive right to
	licence any patents owned by USH, or Siprolab which are Essential to the implementation of the EFR codec for the GSM Standard.

Company name:	Motorola
Project:	GSM
Title:	Clock Rate Matching in Independent Networks
Country of registration:	
Patent no.:	9202058
Countries applicable:	FR
Notes:	Applies broadly to GSM.
Company name:	Robert Bosch GmbH
Project:	GSM
Title:	Data transmission method especially in GSM communication system
Country of registration: Application no.:	DE 19544367.5
Countries applicable:	DE
ETSI Deliverable:	GSM 04.53
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Motorola
Project: Title:	GSM Handoff Apparatus and Method with Interference Reduction for Radio System
Country of registration:	
Patent no.:	Published A2-0255628
Countries applicable:	AT, BE, CH, DE, ES, FR, GB, IT, LU, NL, SE
ETSI Deliverable:	GSM 05.08
Company name:	Motorola
Project:	GSM
Title:	TDM Communication System Efficient Spectrum Utilization
Country of registration: Patent no.:	EPO Published B1 0261 112
Countries applicable:	AT, BE, CH, DE, FR, GB, IT, LU, NL, SE
ETSI Deliverable:	GSM 05.01
Company name:	Motorola
Project:	GSM
Title:	Method and Apparatus for Controlling a TDM Communication Device
Country of registration:	
Patent no.: Countries applicable:	Published A2-0412583 AT, BE, CH, DE, FR, GB, IT, LU, NL, SE
ETSI Deliverable:	GSM 05.01
Company name:	Motorola
Project: Title:	GSM LPC Based Speech Synthesis with Adaptative Pitch Pre-Filter
Country of registration:	
Patent no.:	Published A4-0496829
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 06.20
Company name:	Motorola
Project:	GSM
Title:	Method and Apparatus for Controlling a TDM Communication Device
Country of registration:	
Patent no.:	Published B1-0261127
Countries applicable: ETSI Deliverable:	AT, BE, CH, DE, FR, GB, IT, LI, NL, SE GSM 05.01

Company name:	Motorola
Project:	GSM
Title:	Digital Speech Coding having improved Vector Excitation Source
Country of registration:	
Patent no.:	Published B1-0372008
Countries applicable:	AT, BE, CH, DE, FR, GB, IT, LU, NL, SE
ETSI Deliverable:	GSM 06.20
ETO Denverable.	000000000
Company name:	Motorola
Project:	GSM
Title:	
	Radio Arrangement having Two Radios Sharing Circuitry
Country of registration:	FI
Application no.:	89 2678
Countries applicable:	FI
Notes:	Applies broadly to GSM.
Company name:	Motorola
Project:	GSM
Title:	Digital Speech Coding having improved Vector Excitation Source
Country of registration:	FI
Application no.:	894151
Countries applicable:	FI
ETSI Deliverable:	GSM 06.20
Company name:	Motorola
Project:	GSM
Title:	Digital Radio Communication System and Two-Way Radio
Country of registration:	FI
Application no.:	91 5002
Patent no.:	FI
Notes:	Applies broadly to GSM.
Company name:	Motorola
Company name:	Motorola
Project:	GSM
Project: Title:	GSM Cellular Voice & Data Telephone System
Project: Title: Country of registration:	GSM Cellular Voice & Data Telephone System FI
Project: Title: Country of registration: Patent no.:	GSM Cellular Voice & Data Telephone System FI 79 768
Project: Title: Country of registration:	GSM Cellular Voice & Data Telephone System FI 79 768 FI
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Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Cellular Voice & Data Telephone System FI 79 768 FI
Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM.
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Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola
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Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading FI
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Project: Title:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading FI 97 712
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading FI
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Project: Title:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading FI 97 712 FI
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading FI 97 712
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable: Notes:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading FI 97 712 FI Applies broadly to GSM.
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Company name: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable: Notes: Company name:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading FI 97 712 FI Applies broadly to GSM.
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable: Notes:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading FI 97 712 FI Applies broadly to GSM.
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Notes:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading FI 97 712 FI Applies broadly to GSM.
Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Company name: Project: Notes: Company name: Project: Title:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading FI 97 712 FI Applies broadly to GSM. Motorola GSM Radio Arrangement having Two Radios Sharing Circuitry
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Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM Cellular Voice & Data Telephone System FI 79 768 FI Applies broadly to GSM. Motorola GSM TDM Communication System Efficient Spectrum Utilization FI 86 122 FI GSM 05.01 Motorola GSM TDMA Radio System employing BPSR Synchronisation for QPSK Signals subject to Random Phase Variation and Multipath Fading FI 97 712 FI Applies broadly to GSM. Motorola GSM Radio Arrangement having Two Radios Sharing Circuitry NO
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Company name:	Motorola
Project:	GSM
Title:	Selective Call Paging and Priority Signalling System
Country of registration:	DE
Patent no.:	P 3 382 094.5
Countries applicable:	DE
ETSI Deliverable:	GSM 04.08
Company name:	Motorola
Project:	GSM
Title:	TDMA Communication System with Adaptative Equalization
Country of registration:	EPO
Patent no.:	Published A2-0 343 189
Countries applicable:	AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
Notes:	Applies broadly to GSM.
Company name:	Motorola
Project:	GSM
Title:	Data Signalling System
Country of registration:	
Patent no.:	1 168 619
Countries applicable:	IT
ETSI Deliverable:	GSM 04.08
EISI Deliverable:	G3WI 04.00
Company name:	Motorola
Project:	GSM
Title:	Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder
Country of registration:	
Application no.:	P 4491015T1
Countries applicable:	DE
ETSI Deliverable:	GSM 06.20
LISI Deliverable.	GSM 00.20
^	N. A.
Company name:	Motorola
Company name: Project:	Motorola GSM
Project:	GSM
Project: Title:	GSM Two-way personal message with extended coverage
Project: Title: Country of registration:	GSM Two-way personal message with extended coverage DE
Project: Title: Country of registration: Patent no.:	GSM Two-way personal message with extended coverage DE P. 3 382 107.0
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	GSM Two-way personal message with extended coverage DE P. 3 382 107.0 DE GSM 03.02 Motorola
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	GSM Two-way personal message with extended coverage DE P. 3 382 107.0 DE GSM 03.02 Motorola GSM
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Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: TSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Patent no.:	GSM Two-way personal message with extended coverage DE P. 3 382 107.0 DE GSM 03.02 Motorola GSM An Antenna Array for a Cellular RF Communications System. DE P. 28 06 178 DE Applies broadly to GSM. Motorola GSM Packet Switched Cellular Telephone System FI Published 8 901 276 FI GSM 05.08 Motorola GSM Motorola GSM Method of operating a radio trans. or Comm. system including central Sta. and a plurality of indi. Remotesta. , a radio trans. o DE P 3 787 788
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Country of registration: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.:	GSM Two-way personal message with extended coverage DE P. 3 382 107.0 DE GSM 03.02 Motorola GSM An Antenna Array for a Cellular RF Communications System. DE P. 28 06 178 DE Applies broadly to GSM. Motorola GSM Packet Switched Cellular Telephone System FI Published 8 901 276 FI GSM 05.08 Motorola GSM Method of operating a radio trans. or Comm. system including central Sta. and a plurality of indi. Remotesta. , a radio trans. o DE P 3 787 788 DE
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: TSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Patent no.:	GSM Two-way personal message with extended coverage DE P. 3 382 107.0 DE GSM 03.02 Motorola GSM An Antenna Array for a Cellular RF Communications System. DE P. 28 06 178 DE Applies broadly to GSM. Motorola GSM Packet Switched Cellular Telephone System FI Published 8 901 276 FI GSM 05.08 Motorola GSM Motorola GSM Method of operating a radio trans. or Comm. system including central Sta. and a plurality of indi. Remotesta. , a radio trans. o DE P 3 787 788

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	Motorola GSM Cellular Radio Telephone with Dropped Call Protection FI Published 88 5520 FI GSM 04.08
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	GSM Vector Quantizer Method and Apparatus
Company name:	Motorola
Project:	GSM
Title:	Vector Quantizer Method and Apparatus
Country of registration:	FR
Patent no.:	Published 2709387
Countries applicable:	FR
ETSI Deliverable:	GSM 06.20
Company name:	Motorola
Project:	GSM
Title:	Vector Quantizer Method and Apparatus
Country of registration:	FR
Patent no.:	Published 2709366
Countries applicable:	FR
ETSI Deliverable:	GSM 06.20
Company name:	Motorola
Project:	GSM
Title:	Vector Quantizer Method and Apparatus
Country of registration:	FR
Patent no.:	Published 2706064
Countries applicable:	FR
ETSI Deliverable:	GSM 06.20
Country of registration: Patent no.: Countries applicable:	FR Published 2706064 FR GSM 06.20 Motorola GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder
Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	FR Published 2706064 FR GSM 06.20 Motorola GSM Method for Generating a Spectral Noise Weighting Filter for use in a Speech Coder FR Published 9401450 FR GSM 06.20 Motorola GSM TDM Communication System Efficient Spectrum Utilization

Company name:	Nokia
Project:	GSM
Title:	Facsimile Transmission In A Mobile Communication System
Country of registration:	EPO
Application no.:	EP 96904119
Patent no.:	EP 759247
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 03.45
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR EFFECTIVE TRANSMISSION POWER CONTROL AND/OR HANDOVER OF A MOBILE STATION NO P960118 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia
Project:	GSM
Title:	Facsimile Transmission In A Mobile Communication System
Country of registration:	PCT
Application no.:	PCT/FI96/00136
Patent no.:	WO 9627975
ETSI Deliverable:	GSM 03.45
Company name:	Nokia
Project:	GSM
Title:	Facsimile Transmission In A Mobile Communication System
Country of registration:	AU
Application no.:	AU 48334/96
Patent no.:	AU 9648334
ETSI Deliverable:	GSM 03.45
Company name:	Nokia
Project:	GSM
Title:	Facsimile Transmission In A Mobile Communication System
Country of registration:	NO
Application no.:	NO 964687
Patent no.:	NO 9604687
ETSI Deliverable:	GSM 03.45
Company name:	Nokia
Project:	GSM
Title:	Data Transmission System With Sliding-Window Data Flow Control
Country of registration:	Fl
Application no.:	Fl 952256
Patent no.:	Fl 98174
Countries applicable:	Fl
ETSI Deliverable:	GSM 04.22
Company name:	Nokia
Project:	GSM
Title:	Data Transmission System With Sliding-Window Data Flow Control
Country of registration:	PCT
Application no.:	PCT/FI96/00260
Patent no.:	WO 9636154
ETSI Deliverable:	GSM 04.22

Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration:	9602391,6 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia GSM Data Transmission System With Sliding-Window Data Flow Control EPO
Application no.:	EP 96913557
Patent no.:	EP 788702
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 04.22
Company name: Project: Title: Country of registration: Application no.: Notes:	9604838,7 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia
Project:	GSM
Title:	Method for locking to the user's card in a portable radio telephone
Country of registration:	DK
Application no.:	4219/88
Patent no.:	DK 169158
ETSI Deliverable:	GSM 02.22
Company name:	Nokia
Project:	GSM
Title:	Method for locking to the user's card in a portable radio telephone
Country of registration:	EPO
Application no.:	88306554.2
Patent no.:	EP 0301740
Countries applicable:	NL, BE, ES, AT, GR, LU, CH, LI
ETSI Deliverable:	GSM 02.22
Company name:	Nokia
Project:	GSM
Title:	Method for locking to the user's card in a portable radio telephone
Country of registration:	FI
Application no.:	873309
Patent no.:	FI 77550
ETSI Deliverable:	GSM 02.22
Company name:	Nokia
Project:	GSM
Title:	High-Speed Data Transmission In Mobile Communication Networks
Country of registration:	EPO
Application no.:	EP 96904117.7
Patent no.:	EP 0813779
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 04.21

Company name:	Nokia
Project:	GSM
Title:	Method for locking to the user's card in a portable radio telephone
Country of registration:	
Application no.:	88306554.2
Patent no.:	GB 0301740
ETSI Deliverable:	GSM 02.22
Company name:	Nokia
Project:	GSM
Title:	High-Speed Data Transmission In Mobile Communication Networks
Country of registration:	AU
Application no.:	AU 48332/96
Patent no.:	AU 9648332
ETSI Deliverable:	GSM 04.21
<u></u>	N 11
Company name:	Nokia
Project:	GSM
Title:	Method for locking to the user's card in a portable radio telephone
Country of registration:	
Application no.:	88306554.2
Patent no.:	IT 0301740
ETSI Deliverable:	
ETST Deliverable:	GSM 02.22
-	
Company name:	Nokia
Project:	GSM
Title:	Method for locking to the user's card in a portable radio telephone
Country of registration:	
Application no.:	187037/1988
ETSI Deliverable:	GSM 02.22
Company name:	Nokia
company name.	
Project:	GSM
Project: Title:	GSM Method for locking to the user's card in a portable radio telephone
Project: Title: Country of registration:	GSM Method for locking to the user's card in a portable radio telephone NO
Project: Title: Country of registration: Application no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330
Project: Title: Country of registration: Application no.: Patent no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679
Project: Title: Country of registration: Application no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330
Project: Title: Country of registration: Application no.: Patent no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22
Project: Title: Country of registration: Application no.: Patent no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22 Nokia
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone SE
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone SE 88306554.2
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone SE 88306554.2 SE 0301740
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone SE 88306554.2
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Patent no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone SE 88306554.2 SE 0301740
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone SE 88306554.2 SE 0301740 GSM 02.22 Nokia
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Company name: Company name: Project: Title: Country of registration: Company name: Company name: Project: Title: Country of registration: Company name: Company name: Com	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone SE 88306554.2 SE 0301740 GSM 02.22 Nokia GSM Nokia
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone SE 88306554.2 SE 0301740 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone SE 88306554.2 SE 0301740 GSM 02.22
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Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	GSM Method for locking to the user's card in a portable radio telephone NO 88.3330 NO 173679 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone PT 88126 PT 88126 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone SE 88306554.2 SE 0301740 GSM 02.22 Nokia GSM Method for locking to the user's card in a portable radio telephone SE 88306554.2 SE 0301740 GSM 02.22

Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable:	Nokia GSM System for transmitting packet data in digital cellular time division multiple access (TDMA) air interface AU 17857/95 GSM 03.64
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION SYSTEM FI 944487 96557 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION SYSTEM AU 35239/95 701594 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION SYSTEM CA 2200308 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION SYSTEM CN 95195966,2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION SYSTEM EPO 95932031 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes: Company name:	Nokia Corporation GSM A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION SYSTEM FI 971269 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable:	GSM Method for locking to the user's card in a portable radio telephone
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM SYSTEM FOR TRANSMITTING PACKET DATA IN RADIO TELEPHONE TDMA SYSTEM US 462160 5729541 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	BT GSM Transmission of Digital Signals EPO 96924979.6 BE, DK, FI, FR, DE, IE, IT, NL, PT, ES, SE, CH, GB GSM 02.53
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR EFFECTIVE TRANSMISSION POWER CONTROL AND/OR HANDOVER OF A MOBILE STATION US 08/591557CPA 5898925 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR HIGH-SPEED DATA TRANSMISSION IN A TDMA MOBILE TELECOMMUNICATIONS SYSTEM FI 942190 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

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Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR HIGH-SPEED DATA TRANSMISSION IN A TDMA MOBILE TELECOMMUNICATIONS SYSTEM AU 2410395 688903 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	95193002,8 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR HIGH-SPEED DATA TRANSMISSION IN A TDMA MOBILE TELECOMMUNICATIONS SYSTEM EPO 95918001 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR HIGH-SPEED DATA TRANSMISSION IN A TDMA MOBILE TELECOMMUNICATIONS SYSTEM JP 7529391 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR HIGH-SPEED DATA TRANSMISSION IN A TDMA MOBILE TELECOMMUNICATIONS SYSTEM NO 964747 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR HIGH-SPEED DATA TRANSMISSION IN A TDMA MOBILE TELECOMMUNICATIONS SYSTEM US 08/737447 6005857 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM SYSTEM FOR TRANSMITTING PACKET DATA IN RADIO TELEPHONE TDMA SYSTEM FI 942702 98427 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM SYSTEM FOR TRANSMITTING PACKET DATA IN RADIO TELEPHONE TDMA SYSTEM CN 95108589,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM SYSTEM FOR TRANSMITTING PACKET DATA IN RADIO TELEPHONE TDMA SYSTEM EPO 95303825,4 AT, CH, DE, FR, GB, IT, LI, NL, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	Nokia GSM Facsimile Transmission In A Mobile Communication System FI FI 951020 FI 100213 FI GSM 03.45
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM SYSTEM FOR TRANSMITTING PACKET DATA IN RADIO TELEPHONE TDMA SYSTEM JP 7-140936 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

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Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION SYSTEM KR 701980 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	NTT
Project:	GSM
Title:	Sound Synthesizer
Country of registration:	GB
Patent no.:	2 131 659
Countries applicable:	GB
Company name:	NTT
Project:	GSM
Title:	Speech Coding Method and Apparatus for the same
Country of registration:	EPO
Application no.:	EP 96202584.7 (Divided out of EP 93401656.9)
Countries applicable:	DE, FR, GB, IT
Company name:	NTT
Project:	GSM
Title:	Method and Apparatus for Multiplexed Vector Quantization
Country of registration:	US
Patent no.:	4 992 508
Countries applicable:	US
Company name:	NTT
Project:	GSM
Title:	Method and Apparatus for Multiplexed Vector Quantization
Country of registration:	CA
Patent no.:	1 311 060
Countries applicable:	CA
Company name:	NTT
Project:	GSM
Title:	Method and Apparatus for Multiplexed Vector Quantization
Country of registration:	EPO
Patent no.:	EP 0 314 018
Countries applicable:	GB, DE, FR, CH
Company name:	NTT
Project:	GSM
Title:	Method and Apparatus for Multiplexed Vector Quantization
Country of registration:	JP
Patent no.:	2 061 805
Countries applicable:	JP
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	BT GSM Voice Activity Detector PCT PCT/GB89/00247 Published WO 89/08910 AU, BR, DK, EPO, FI, JP, KR, NO BT have stated that the identified patents may be relevant to the full rate GSM Voice Activity Detector, that the patents claim priority form GB 880 9795 and that the patent was the subject of a BT/ETSI undertaking dated 4th April 1990. It should be noted that the provisions of this undertaking provides for royalty free licences if certain conditions are satisfied by a licensee. BT contact (see note 2).

Company name:	Nokia
Project:	GSM
Title:	Packet Radio System And Methods For A Protocol-Independent Routing Of A Data Packet In
	Packet Radio Networks
Country of registration:	
	FI 950116
Application no.:	
Patent no.:	FI 98586
Countries applicable:	FI
ETSI Deliverable:	GSM 03.60
Company name:	Nokia
Project:	GSM
Title:	Packet Radio System And Methods For A Protocol-Independent Routing Of A Data Packet In
	Packet Radio Networks
Country of registration:	PCT
Application no.:	PCT/FI96/00019
Patent no.:	WO 9621983
ETSI Deliverable:	GSM 03.60
Composition	Nakia
Company name:	Nokia
Project:	GSM
Title:	Packet Radio System And Methods For A Protocol-Independent Routing Of A Data Packet In
	Packet Radio Networks
Country of registration:	AU
Application no.:	AU 43928/96
Patent no.:	AU 9643928
ETSI Deliverable:	GSM 03.60
Company name:	Nokia
Project:	GSM
Title:	Packet Radio System And Methods For A Protocol-Independent Routing Of A Data Packet In
	Packet Radio Networks
Country of registration:	
Application no.:	EP 96900336.7
Patent no.:	EP 804844
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	GSM 03.60
Company name:	Nokia
Project:	GSM
Title:	High-Speed Data Transmission In Mobile Communication Networks
Country of registration:	
Application no.:	FI 951019
Patent no.:	FI 100212
Countries applicable:	FI
ETSI Deliverable:	GSM 04.21
Company name:	Nokia
Project:	GSM
Title:	High-Speed Data Transmission In Mobile Communication Networks
Country of registration:	
Application no.:	PCT/FI96/00134
Patent no.:	WO 9627959
ETSI Deliverable:	GSM 04.21
Company name:	Nokia Corporation
Project:	GSM
Title:	SYSTEM FOR TRANSMITTING PACKET DATA IN RADIO TELEPHONE TDMA SYSTEM
Country of registration:	
Application no.:	658/MAS/95
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM GB 9600378,5 2296844 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS CA 2207043 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS CN 95196707.X The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS EPO 95939304,2 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS HK 98103081,7 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS JP 8-517347 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS NO 972629 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS SG 9702660-3 42544 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS US 08/860426 5966374 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM FI 950097 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM AT A1989/95 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM AU 43927/96 692036 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company remain	Nakia Corporation
Company name: Project:	Nokia Corporation GSM
Title:	DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM
Country of registration:	
Application no.: Notes:	96191381,9 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Noles.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
<u></u>	Nabia Ormanatian
Company name: Project:	Nokia Corporation GSM
Title:	A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION
	SYSTEM
Country of registration:	
Application no.: Notes:	98100351,6 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
NOLES.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Title:	DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM
Country of registration:	FR 9514477
Application no.: Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Title: Country of registration:	A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM
Application no.:	08/836969
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM
Country of registration:	
Application no.:	MI96A000017
Patent no.:	1281596
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notes:	irrevocable licences under the IPRs on terms and conditions which are in accordance with
Notes:	
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM JP
Company name: Project: Title: Country of registration: Application no.:	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM JP 8-522063
Company name: Project: Title: Country of registration:	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM JP 8-522063 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Company name: Project: Title: Country of registration: Application no.:	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM JP 8-522063 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Company name: Project: Title: Country of registration: Application no.:	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM JP 8-522063 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM KR 97-704355 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM NL 1002023 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM SE 9600060-9 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM US 582915 5729534 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM PACKET RADIO SYSTEM AND METHODS FOR A PROTOCOL-INDEPENDENT ROUTING OF A DATA PACKET IN PACKET RADIO NETWORKS FI 950116 98586 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM PACKET RADIO SYSTEM AND METHODS FOR A PROTOCOL-INDEPENDENT ROUTING OF A DATA PACKET IN PACKET RADIO NETWORKS AU 43928/96 702765 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	2209715 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	96191857,.8 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM PACKET RADIO SYSTEM AND METHODS FOR A PROTOCOL-INDEPENDENT ROUTING OF A DATA PACKET IN PACKET RADIO NETWORKS EPO 96900336,7 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM PACKET RADIO SYSTEM AND METHODS FOR A PROTOCOL-INDEPENDENT ROUTING OF A DATA PACKET IN PACKET RADIO NETWORKS HK 98102855,3 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM PACKET RADIO SYSTEM AND METHODS FOR A PROTOCOL-INDEPENDENT ROUTING OF A DATA PACKET IN PACKET RADIO NETWORKS JP 8-521459 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DYNAMIC ALLOCATION OF RADIO CAPACITY IN A TDMA SYSTEM DE 19543845 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	CPA 08/817331 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR EFFECTIVE TRANSMISSION POWER CONTROL AND/OR HANDOVER OF A MOBILE STATION JP 7-529392 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION SYSTEM SG 9701460-9 39174 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION SYSTEM US 08/817963 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION SYSTEM US 8676023 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION METHOD IN A TDMA MOBILE COMMUNICATION SYSTEM FI 944488 96558 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION METHOD IN A TDMA MOBILE COMMUNICATION SYSTEM AU 35240/95 696802 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION METHOD IN A TDMA MOBILE COMMUNICATION SYSTEM CA 2200307 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION METHOD IN A TDMA MOBILE COMMUNICATION SYSTEM CN 95195967 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM DATA TRANSMISSION METHOD IN A TDMA MOBILE COMMUNICATION SYSTEM EPO 95932032 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION METHOD IN A TDMA MOBILE COMMUNICATION SYSTEM FI 971270 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation GSM

Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes:	8-511421 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM DATA TRANSMISSION METHOD IN A TDMA MOBILE COMMUNICATION SYSTEM
Notes.	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS AU 41186/96 699810 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM ES P9502237 9502237 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A HIGH-SPEED DATA TRANSMISSION IN A DIGITAL MOBILE COMMUNICATION SYSTEM JP 8-511420 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM SE 9504067-1 9504067-1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM NL 1001744 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM KR 97-703369 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM JP 8-518298 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION METHOD IN A TDMA MOBILE COMMUNICATION SYSTEM SG 9701451-8 39164 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM FR 9513774 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM DATA TRANSMISSION METHOD IN A TDMA MOBILE COMMUNICATION SYSTEM US 08/817331 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM DE 19543253,3 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM CN 95197341.X The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM AU 39849/95 695635 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM AT A1926/95 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM FI 945540 99076 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM HIGH-SPEED DATA TRANSMISSION IN MOBILE COMMUNICATION NETWORKS FI 945817 97187 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A METHOD FOR INDICATING A MULTI-SLOT CHANNEL IN A TDMA RADIO SYSTEM GB 9522534,8 2295525 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 60/059,382 US SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent application which may be filed claiming the priority of one of the above cited patent applications. Filing date: 09/19/97.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR EFFECTIVE TRANSMISSION POWER CONTROL AND/OR HANDOVER OF A MOBILE STATION US 08/591557 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 97/15971 FR SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 12/16/97.

Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR PCT/FR98/02753 PCT SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 12/16/98.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 217/97 AE SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent application which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 10/25/97.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR PCT/US97/18999 AU, BR, CN, EPO, JP, KR, MX, SG SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent application which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date:10/22/97.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 2397/MAS/97 IN SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in

respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be filed claiming the priority of one of the above cited patent applications. Filing date: 10/23/97.

Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR PI 9704974 MY SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 10/22/97.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 86115695 TW SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 10/23/97.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 60/029,057 US SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent application which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 10/25/96.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 08/957,512 US SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 10/24/97.

Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 97/9479 ZA SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 10/23/97.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 98 801156.5 CN SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 09/18/98.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 09/147,491 US SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications which may be filed claiming the priority of one of the above cited patent applications. Filing date: 07/31/97
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 11-518753 JP SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 09/18/98.

Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 10-507676 JP SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 07/31/97.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 09/156,371 US SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 09/17/98.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 60/050,631 US SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 06/20/97.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 08/932,270 US SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 09/17/97.

Company name:	Schlumberger Systèmes
Project:	GSM
Country of registration: Patent no.:	PCT/US98/17605
Countries applicable:	PCT
Notes:	SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 08/25/98.
Company name:	Schlumberger Systèmes
Project: Country of registration:	GSM
Patent no.:	60/133,300
Countries applicable:	US
Notes:	SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 05/10/99.
Company name:	Schlumberger Systèmes
Project:	GSM
Country of registration:	
Patent no.: Countries applicable:	97/401620.6 EPO
Notes:	SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in
	Annex 6, part 15 of the ETSI directives. The same applies for any patent application which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 07/07/97
Company name:	may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 07/07/97 Schlumberger Systèmes
Project:	may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 07/07/97 Schlumberger Systèmes GSM
	may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 07/07/97 Schlumberger Systèmes GSM
Project: Country of registration:	may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 07/07/97 Schlumberger Systèmes GSM FR

Company name: Project: Country of registration:	Schlumberger Systèmes GSM FR
Patent no.:	9-189917
Countries applicable: Notes:	JP
	SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, paragraph 6.1 of the ETSI directives and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, paragraph 6.1 of the ETSI directives and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, paragraph 6.1 of the ETSI directives and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, paragraph 6.1 of the ETSI directives and patents become essential being defined in Annex 6, paragraph 6.1 of the ETSI directives and patents become essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being defined in Annex 6, paragraph 6.1 of the term essential being def
	Annex 6, part 15 of the ETSI directives. The same applies for any patent application which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 07/15/97.
Company name:	Schlumberger Systèmes
Project:	GSM
Country of registration:	FR
Patent no.:	9702459-0
Countries applicable:	SG
Notes:	SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents
	become essential to said GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 07/14/97
Company name:	Schlumberger Systèmes
Project: Country of registration:	GSM
Patent no.:	
	08/892,813
Countries applicable: Notes:	US SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 07/15/97.
Company name:	NEC Corporation
Project:	GSM
Title:	Digital cellular telecommunications system (Phase 2); Radio subsystem synchronization
Country of registration:	
Patent no.:	0 318 033
Countries applicable:	DE, GB, SE
ETSI Deliverable: Notes:	ETS 300 579 (GSM 05.10, V4.9.0) This declaration (the DECLARATION) is given this 4th day of November 1999 by NEC Corporation of Tokyo Japan (the SIGNATORY) to the EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE (ETSI) of Sophia Antipolis France.
	The SIGNATORY notifies ETSI that it is the proprietor of the IPR listed in Annex I (the IPR) and informs ETSI that it believes that the IPR may be considered ESSENTIAL to the standards listed in Annex II (the STANDARD).

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	The SIGNATORY hereby declares that it is prepared to grant irrevocable licenses under the IPR on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, set out in Annex III, in respect of the STANDARD, to the extent that the IPR remains ESSENTIAL. The construction, validity and performance of this DECLARATION shall be governed by the laws of France. Signed for and on behalf of the SIGNATORY (Naoki Kyomoto, General Manager IP, Division NEC Corporation). NEC Corporation GSM Digital cellular telecommunications system (Phase 2+); Mobile Station - Base Station System (MS - BSS) interface; Data Link (DL) layer specification" n/a Re. 36,309 US ETS 300 938 (GSM 04.06, V5.2.1) This declaration (the DECLARATION) is given this 4th day of November 1999 by NEC Corporation of Tokyo Japan (the SIGNATORY) to the EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE (ETSI) of Sophia Antipolis France. The SIGNATORY notifies ETSI that it is the proprietor of the IPR listed in Annex I (the IPR) and informs ETSI that it believes that the IPR may be considered ESSENTIAL to the standards listed in Annex II (the STANDARD). The SIGNATORY hereby declares that it is prepared to grant irrevocable licenses under the IPR on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, set out in Annex III, in respect of the STANDARD, to the extent that the IPR remains ESSENTIAL.
	Signed for and on behalf of the SIGNATORY (Naoki Kyomoto, General Manager IP, Division NEC Corporation).
Company name: Project: Title: Country of registration: Application no.: ETSI Deliverable: Notes:	FR9714578 GSM 11.14 In accordance with the ETSI IPR Policy, Article 4.1, GEMPLUS inform ETSI that, in relation to Work Item No. TDOC ETSI SMG9 (98) 105 "Access to auxiliary devices", wit-h reference to ETSI draft Standard No. GSM 11.14 release 98 and/or with reference to the technical proposal identified as (1) Change Request 11.14 A079 it is the belief of the undersigned that the fllowing IPRs are, or are likely to become essential IPRs in relation that that Standard.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 98/946 633.9 EPO SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 09/18/98.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Data transmission method especially in GSM communication system DE 97119761.1 CH, DE, DK, ES, FI, FR, GB, IT, NL, SE GSM 04.53 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Data transmission method especially in GSM communication system DE 19650140.7 DE GSM 04.53 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Data transmission method especially in GSM communication system DE 19650141.5 DE GSM 04.53 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Ericsson
Project:	GSM
Title:	Receiver Gain
Country of registration:	GB
Patent no.:	GB 2 233 846
Countries applicable:	GB
Notes:	Ericsson OMC Ltd
Company name:	Alcatel
Project:	GSM
Title:	Communication transfer in cellular radio telephone network
Country of registration:	US
Patent no.:	US 5289525
Countries applicable:	US
ETSI Deliverable:	GSM 03.09
Company name:	Alcatel
Project:	GSM
Title:	Communication transfer in cellular radio telephone network
Country of registration:	CA
Patent no.:	CA 2034411
Countries applicable:	CA
ETSI Deliverable:	GSM 03.09
Company name:	Alcatel
Project:	GSM
Title:	Communication transfer in cellular radio telephone network
Country of registration:	AU
Patent no.:	AU 639516
Countries applicable:	AU
ETSI Deliverable:	GSM 03.09

Company name:	Alcatel
Project:	GSM
Title:	Communication transfer in cellular radio telephone network
Country of registration:	NZ
Patent no.:	NZ 236814
Countries applicable:	NZ
ETSI Deliverable:	GSM 03.09
Company name:	Alcatel
Project:	GSM
Title:	Communication transfer in cellular radio telephone network
Country of registration:	JP
Patent no.:	JP 60 86358
Countries applicable:	JP
ETSI Deliverable:	GSM 03.09
Company name:	Alcatel
Project:	GSM
Title:	Mobile Radio System with a Repeater
Country of registration:	FI
Patent no.:	FI 945088
Countries applicable:	FI
ETSI Deliverable:	GSM 05.05
Company name:	Alcatel
Project:	GSM
Title:	Mobile Radio System with a Repeater
Country of registration:	EPO
Patent no.:	EP 651524
Countries applicable:	FR, DE, IT, SE, GB
ETSI Deliverable:	GSM 05.05
Company name:	Alcatel
Project:	GSM
Title:	Mobile Radio System with a Repeater
Country of registration:	US
Application no.:	SerNo 331341
Countries applicable:	US
ETSI Deliverable:	GSM 05.05
Company name:	Alcatel
Project:	GSM
Title:	Mobile Radio System with a Repeater
Country of registration:	AU
Patent no.:	AU 77486
Countries applicable:	AU
ETSI Deliverable:	GSM 05.05
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 96/09727 FR SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 08/01/96.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Data transmission method especially in GSM communication system DE 97119992.2 CH, DE, DK, ES, FI, FR, GB, IT, NL, SE GSM 04.53 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	NEC Corporation GSM Speech Parameter Coding Method and Apparatus US 5 487 128 US GSM 06.20 Relevant to ETS 300 581-2 "European digital cellular telecommunications system ; Half rate speech. Part 2 : Half rate speech transcoding"
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Data transmission method DE 3537105 DE GSM 04.06, GSM 05.02, GSM 05.08 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	NEC Corporation GSM Method and Apparatus for Encoding Voice Signals US 4 716 592 US GSM 06.60 Relevant to prETS 300 726 "Digital cellular telecommunications system; Enhanced Full Rate (EFR) speech transcoding"
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	NEC Corporation GSM Speech Coder EPO 91102440.4 DE, FR, GB GSM 06.20 Relevant to ETS 300 581-2 "European digital cellular telecommunications system ; Half rate speech. Part 2 : Half rate speech transcoding"
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	BT GSM Telecommunications System EPO 761068 AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB GSM 03.93 and GSM 04.93

Company name:	BT
Project:	GSM
Title:	Telecommunications System
Country of registration:	
Application no.:	2189770
Countries applicable: ETSI Deliverable:	
ETSI Deliverable:	GSM 03.93 and GSM 04.93
Company name:	BT
Project:	GSM
Title:	Telecommunications System
Country of registration:	
Application no.:	95193282.9
Countries applicable:	CN
ETSI Deliverable:	GSM 03.93 and GSM 04.93
Company name:	Alcatel
Project:	GSM
Title:	Mobile Radio Network Adaptation Center
Country of registration:	2 189 791
Application no.: Countries applicable:	2 189 791 CN
ETSI Deliverable:	GSM 03.54, V5.0.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the IPRs listed in Annex 1 (the
Notes.	IPRs) and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to
	the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare
	that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions
	which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the
	STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and
	performance of this DECLARATION shall be governed by the laws of France.
Company name:	Alcatel
Project:	GSM
Project: Title:	GSM Mobile Radio Network Adaptation Center
Project: Title: Country of registration:	GSM Mobile Radio Network Adaptation Center n/a
Project: Title: Country of registration: Application no.:	GSM Mobile Radio Network Adaptation Center n/a 743634
Project: Title: Country of registration: Application no.: Countries applicable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0
Project: Title: Country of registration: Application no.: Countries applicable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France.
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Company name:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France.
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Notes:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France.
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France.
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France.
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France.
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France. Libertel Groep B.V. GSM Number Portability NL 1006862 1006862
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France. Libertel Groep B.V. GSM Number Portability NL 1006862 NL
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France. Libertel Groep B.V. GSM Number Portability NL 1006862 NL GSM 03.66
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54, V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France. Libertel Groep B.V. GSM Number Portability NL 1006862 1006862 NL GSM 03.66 This statement is made May 5th 1999 by R.G.C.M van Basten Batenburg as a representative
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France. Libertel Groep B.V. GSM Number Portability NL 1006862 1006862 NL GSM 03.66 This statement is made May 5th 1999 by R.G.C.M van Basten Batenburg as a representative of Libertel, a Member of ETSI. In accordance with the ETSI IPR Policy, Article 4.1, I hereby
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France. Libertel Groep B.V. GSM Number Portability NL 1006862 1006862 NL GSM 03.66 This statement is made May 5th 1999 by R.G.C.M van Basten Batenburg as a representative of Libertel, a Member of ETSI. In accordance with the ETSI IPR Policy, Article 4.1, I hereby inform ETSI that, in relation to Work Item (EURO) MNP, with reference to ETSI draft Standard
Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable:	GSM Mobile Radio Network Adaptation Center n/a 743634 US GSM 03.54,V5.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the IPR listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPR may be considered ESSENTIAL to the GSM Standard (the STANDARD). The SIGNATORY and/or AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Claude 6.1 of the ETSI Interim IPR Policy, in respect of the STANDARD, to the extent that the IPR remain ESSENTIAL. The construction validity and performance of this DECLARATION shall be governed by the laws of France. Libertel Groep B.V. GSM Number Portability NL 1006862 1006862 NL GSM 03.66 This statement is made May 5th 1999 by R.G.C.M van Basten Batenburg as a representative of Libertel, a Member of ETSI. In accordance with the ETSI IPR Policy, Article 4.1, I hereby

Company name: Project: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Libertel Groep B.V. GSM PCT PCT/NL98/00480 Pending GSM 03.66 This statement is made May 5th 1999 by R.G.C.M van Basten Batenburg as a representative of Libertel, a Member of ETSI. In accordance with the ETSI IPR Policy, Article 4.1, I hereby inform ETSI that, in relation to Work Item (EURO) MNP, with reference to ETSI draft Standard No. GSM 03.66, it is the belief of the undersigned that the following IPRs are, or are likely to become, Essential IPRs in relation to that standard.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Sun Microsystems, Inc. GSM Coherent Data Structure with Multiple Interaction Contexts for a Smartcard US 5802519 US GSM 03.19 In accordance with the ETSI IPR Policy, Article 4.1, the SIGNATORY hereby informs ETSI that, with reference to ETSI Standard No. GSM 03.19, SUN hereby declares its belief that the above-mentioned patent might be considered ESSENTIAL in respect of the GSM 03.19 specification. SUN further declares that it has granted, and is prepared to continue to grant, licenses under its ESSENTIAL IPR, including the listed patents, on fair, reasonable and non- discriminatory terms and conditions. In making this latter declaration, SUN relies on their continuing belief, also stated in their prior declaration to ETSI with respect to GSM 03.19, that their standard license terms and conditions, as reflected in agreements they have previously entered into with SIM card manufacturers, satisfy this standard.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 97/936 723.2 EPO SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications which may be filed claiming the priority of one of the above cited patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 07/31/97.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Schlumberger Systèmes GSM FR 96/09728 FR SCHLUMBERGER draws the attention of the ETSI to the patent applications and patents listed in the enclosed annex and which may be essential to the GSM standards and GSM standard proposals. SCHLUMBERGER declares that it is prepared to grant irrevocable licenses on fair, reasonable and non-discriminatory terms and conditions under such patent applications and patents in accordance with Annex 6, paragraph 6.1 of the ETSI directives, in respect to the GSM standards and to the extent that said patent applications and patents become essential to said GSM standards, the meaning of the term essential being defined in Annex 6, part 15 of the ETSI directives. The same applies for any patent applications and for any patent which may be granted on the basis of said patent applications. Filing date: 08/01/96

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	Alcatel GSM Mobile Radio System with a Repeater NZ NZ 264804 NZ GSM 05.05 NTT GSM Speech Coding and Decoding Methods using Adaptative and Random Codebooks EPO EP 0 514 912 GB, DE, FR
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Virtual packet channel over cellular network EE P9400344 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM Virtual packet channel over cellular network EPO 94306531,8 AT, DE, ES, FR, GB, IT, NL, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Virtual packet channel over cellular network JP 6-213046 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Virtual packet channel over cellular network US 301340 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Virtual packet channel over cellular network US 724375 5802465 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration:	Nokia Corporation GSM LOCATION UPDATING FOR A PACKET-SWITCHED DATA SERVICE IN A MOBILE COMMUNICATION SYSTEM FI
Application no.: Patent no.: Notes:	941652 95984 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	Nokia Corporation GSM LOCATION UPDATING FOR A PACKET-SWITCHED DATA SERVICE IN A MOBILE COMMUNICATION SYSTEM AU
Application no.: Patent no.: Notes:	2778795 694242 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM LOCATION UPDATING FOR A PACKET-SWITCHED DATA SERVICE IN A MOBILE COMMUNICATION SYSTEM CN 95192480.X The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM LOCATION UPDATING FOR A PACKET-SWITCHED DATA SERVICE IN A MOBILE COMMUNICATION SYSTEM EPO 95915211,7 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM LOCATION UPDATING FOR A PACKET-SWITCHED DATA SERVICE IN A MOBILE COMMUNICATION SYSTEM HK 98112522,5 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM LOCATION UPDATING FOR A PACKET-SWITCHED DATA SERVICE IN A MOBILE COMMUNICATION SYSTEM JP 7526100 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	GSM LOCATION UPDATING FOR A PACKET-SWITCHED DATA SERVICE IN A MOBILE
nuç.	COMMUNICATION SYSTEM
Country of registration:	
Application no.: Patent no.:	718512 5889770
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	NEC Corporation
Project: Title:	GSM Spaceb Coder
Country of registration:	Speech Coder US
Patent no.:	5 208 862
Countries applicable: ETSI Deliverable:	US GSM 06.20
Notes:	Relevant to ETS 300 581-2 "European digital cellular telecommunications system ; Half rate speech. Part 2 : Half rate speech transcoding"
Company name:	Nokia Corporation
Project: Title:	GSM MULTISLOT PACKET TRANSMISSION IN DIGITAL CELLULAR TDMA AIR INTERFACE
Country of registration:	
Application no.:	17857/95
Patent no.: Notes:	708729 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
NOLES.	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	GSM A multi-fonction telephone apparatus
Country of registration:	
Application no.:	91304533,2
Patent no.: Countries applicable:	458563 DE, DK, ES, FR, GB, IT, NL, SE
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	NTT
Project:	GSM Shareh Cading Mathed and Annaratus for the same
Title: Country of registration:	Speech Coding Method and Apparatus for the same
Application no.: Countries applicable:	EP 93401656.9 DE, FR, GB, IT

Company name:	NTT
Project:	GSM
Title:	Speech Coding Method and Apparatus for the same
Country of registration:	US
Application no.:	08/082 103
Countries applicable:	US
Company name:	NTT
Project:	GSM
Title:	All-pole Digital Filter
Country of registration:	JP
Patent no.:	JP 63 - 32288
Countries applicable:	JP
Company name:	NTT
Project:	GSM
Title:	Speech Coding-Decoding Method
Country of registration:	JP
Patent no.:	JP3 - 117646
Countries applicable:	JP
Company name:	NTT
Project:	GSM
Title:	Encoding and Decoding Method for Speech Excitation Signals
Country of registration:	JP
Patent no.:	JP3 - 167124
Countries applicable:	JP
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MULTISLOT PACKET TRANSMISSION IN DIGITAL CELLULAR TDMA AIR INTERFACE CN 95105074,5 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM MULTISLOT PACKET TRANSMISSION IN DIGITAL CELLULAR TDMA AIR INTERFACE EPO 95303040 AT, DE, FR, GB, IT, NL, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM MULTISLOT PACKET TRANSMISSION IN DIGITAL CELLULAR TDMA AIR INTERFACE IN 535/MAS/95 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes: Company name:	09/255325 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Patent no.: Notes:	GSM METHOD AND ARRANGEMENT FOR EFFECTIVE TRANSMISSION POWER CONTROL AND/OR HANDOVER OF A MOBILE STATION
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR EFFECTIVE TRANSMISSION POWER CONTROL AND/OR HANDOVER OF A MOBILE STATION AU 24104/95 682112 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR EFFECTIVE TRANSMISSION POWER CONTROL AND/OR HANDOVER OF A MOBILE STATION CN 95190411,6 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM METHOD AND ARRANGEMENT FOR EFFECTIVE TRANSMISSION POWER CONTROL AND/OR HANDOVER OF A MOBILE STATION EPO 95918002,7 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM MULTISLOT PACKET TRANSMISSION IN DIGITAL CELLULAR TDMA AIR INTERFACE FI 942038 98426 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	NTT
Project:	GSM
Title:	Sound Synthesizer
Patent no.:	2 766 828
	2 700 828 FR
Countries applicable:	FK
<u></u>	
Company name:	Nokia Corporation
Project:	GSM
Title:	PACKET RADIO SYSTEM AND METHODS FOR A PROTOCOL-INDEPENDENT ROUTING
	OF A DATA PACKET IN PACKET RADIO NETWORKS
Country of registration:	NO
Application no.:	973177
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
NOICS.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Innovatron
Project:	GSM
Title:	Method and Apparatus for Coupling Smart Cards to Transfer Devices
Country of registration:	
Application no.:	78-01876 (24/01/78)
Patent no.:	2 415 378 (16/07/82)
Countries applicable:	FR
Notes:	Code: SCLIF. Expiry date: 24/01/1998. Final grant secured.
Notes.	Code. Collin. Expiry date. 24/01/1000. Thial grant Scotled.
Company name:	Innovatron
Project:	GSM
Country of registration:	
Application no.:	169 114 (17/09/79)
Patent no.:	4 494 464 (13.09.83)
Countries applicable:	US
Notes:	Code SCLIF. Expiry date: 13/09/2000. Final grant secured.
Company name:	Innovatron
Project:	GSM
Country of registration:	DE
Application no.:	29 33 191.7 (20/09/79)
Patent no.:	29 33 191 (06.02.92)
Countries applicable:	DE
Notes:	Code: SCLIF1. Expiry date: 23/01/1999. Final grant secured after opposition.
Company name:	Innovatron
Project:	GSM
Country of registration:	
Application no.:	29 54 742.0 (09/03/93)
Countries applicable:	DE Cada: SCLIE2 Evain, Data: 22/01/1000 Evamination in program
Notes:	Code: SCLIF2. Expiry Date: 23/01/1999. Examination in progress.
Compony nome	Innovatron
Company name:	Innovatron
Project:	GSM
Country of registration:	
Application no.:	29 54 748.6 (19.12.94)
Countries applicable:	29 54 748.6 (19.12.94) DE
	29 54 748.6 (19.12.94)
Countries applicable: Notes:	29 54 748.6 (19.12.94) DE
Countries applicable: Notes: Company name:	29 54 748.6 (19.12.94) DE Code: SCLIF3. Expiry date: 23/01/1999. Examination in progress.
Countries applicable: Notes:	29 54 748.6 (19.12.94) DE Code: SCLIF3. Expiry date: 23/01/1999. Examination in progress.
Countries applicable: Notes: Company name:	29 54 748.6 (19.12.94) DE Code: SCLIF3. Expiry date: 23/01/1999. Examination in progress.
Countries applicable: Notes: Company name: Project: Country of registration:	29 54 748.6 (19.12.94) DE Code: SCLIF3. Expiry date: 23/01/1999. Examination in progress.
Countries applicable: Notes: Company name: Project: Country of registration: Application no.:	29 54 748.6 (19.12.94) DE Code: SCLIF3. Expiry date: 23/01/1999. Examination in progress.
Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Patent no.:	29 54 748.6 (19.12.94) DE Code: SCLIF3. Expiry date: 23/01/1999. Examination in progress. Innovatron GSM JP 500 325-54 (1979) 1 435 657 (25.04.98)
Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Patent no.: Countries applicable:	29 54 748.6 (19.12.94) DE Code: SCLIF3. Expiry date: 23/01/1999. Examination in progress. Innovatron GSM JP 500 325-54 (1979) 1 435 657 (25.04.98) JP
Countries applicable: Notes: Company name: Project: Country of registration: Application no.: Patent no.:	29 54 748.6 (19.12.94) DE Code: SCLIF3. Expiry date: 23/01/1999. Examination in progress. Innovatron GSM JP 500 325-54 (1979) 1 435 657 (25.04.98)

Company name:	Innovatron
Project:	GSM Mathead and Assessment for Court in a Court Court of Transfor Devices
Title: Country of registration:	Method and Apparatus for Coupling Smart Cards to Transfer Devices GB
Application no.:	32 293/79 (23/01/79)
Patent no.:	2 036 435 (03.11.82)
Countries applicable:	GB
Notes:	Code: SCLIF. Expiry date: 23/01/1999. Final grant secured.
Company name:	Innovatron
Project:	GSM
Country of registration:	
Application no.:	79 07774-9
Patent no.:	431 687
Countries applicable: Notes:	SE Code: SCLIF. Expiry date: 23/01/1999. Final grant secured.
NU(25.	Code. SCEIF. Expiry date. 23/01/1999. Final grant secured.
Company name:	Motorola
Project:	GSM
Title:	Data Signalling System
Country of registration: Patent no.:	EPO EP 0 116 577
Countries applicable:	FR, GB, DE, NL, LI, SE, CH
Company name:	Motorola
Project:	GSM Salasting Sustan Care for Multiburg Davistalankan Subarihar Unita
Title: Country of registration:	Selective System Scan for Multibone Radiotelephone Subscriber Units
Application no.:	2029/89
Countries applicable:	IE
Company name:	Motorola
Project: Title:	GSM Vector Quantizer Method and Apparatus
Country of registration:	
Application no.:	9420077.1
Countries applicable:	GB
Company name:	NTT
Project:	GSM
Title:	Sound Synthesizer
Country of registration:	
Patent no.: Countries applicable:	4 393 272 US
Countries applicable.	
Company name:	Nokia Corporation
Project:	GSM Virtuel peaket shapped over collular petwork
Title: Country of registration:	Virtual packet channel over cellular network
Application no.:	95100020,9
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Title:	Method for locking to the user's card in a portable radio telephone
Country of registration: Application no.:	DK 884219
Patent no.:	169158
Countries applicable:	DE, FR, GB, IT, SE
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.

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Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	NEC Corporation GSM Speech Parameter Coding Method and Apparatus EPO 92103179 0504 627 A2 DE, FR, GB GSM 06.20 Relevant to ETS 300 581-2 "European digital cellular telecommunications system ; Half rate speech. Part 2 : Half rate speech transcoding"
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A multi-function telephone apparatus FI 902504 88843 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Method for locking to the user's card in a portable radio telephone US 221079 4868846 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Method for locking to the user's card in a portable radio telephone PT 88126 88126 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Method for locking to the user's card in a portable radio telephone NO 883330 173679 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	NTT GSM Sound Synthesizer CA 1 157 5634 CA

	Nakia Corporation
Company name: Project:	Nokia Corporation GSM
Title:	Method for locking to the user's card in a portable radio telephone
Country of registration:	
Application no.:	88306554
Patent no.:	301740
Countries applicable:	DE, FR, GB, IT, SE
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	NTT
Project:	GSM
Title:	Sound Synthesizer
Country of registration:	
Patent no.:	3 037 276
Countries applicable:	DE
Company name:	Nokia Corporation
Project:	GSM
Title:	Method for locking to the user's card in a portable radio telephone
Country of registration:	
Application no.:	873309
Patent no.:	77550
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	NTT
Project:	GSM
Title:	Speech Coding and Decoding Methods using Adaptative and Random Codebooks
Country of registration:	
Patent no.:	5 396 576
Countries applicable:	US
Company name:	NTT
Project:	GSM
Title:	Sound Synthesizer
Country of registration:	
Patent no.:	8 006 850
Countries applicable:	SE
Company name:	NTT
Project:	GSM
Title:	Sound Synthesizer
Country of registration:	
Patent no.:	8 005 449
Countries applicable:	NL
Company name:	NTT
Project:	GSM
Title:	Sound Synthesizer
Country of registration:	
Patent no.:	2 059 726
Countries applicable:	GB
••	

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Virtual packet channel over cellular network FI 933894 97517 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Method for locking to the user's card in a portable radio telephone JP 88187037 2786205 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network NL 1010427 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transmission method in GPRS US 09/519971 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transmission method in GPRS NO 20001284 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transmission method in GPRS JP 2000-512369 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Data transmission method in GPRS FI 973681 106088 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transmission method in GPRS EPO 98943921.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transmission method in GPRS CN 98809034.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transmission method in GPRS AU 91647/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Improving user data packet transmission in inter SGSN routing area update in GPRS US 09/638463 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Improving user data packet transmission in inter SGSN routing area update in GPRS JP 2000-531967 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Improving user data packet transmission in inter SGSN routing area update in GPRS EPO 99903704.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Improving user data packet transmission in inter SGSN routing area update in GPRS CA 2317448 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network US 09/181518 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network JP 2000-510263 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network RU 2000113226 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for enhancing data transmission CN 97193857.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network JP 2000-518526 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network IT M198A002311 1303264 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network GB 9823844.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network FR 9813451 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network FI 974094 105760 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network DE 19847679.5 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network CN 98810820.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network AU 94433/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	A1775/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network US 09/134615 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network SE 9802745-1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network RU 2000106559 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

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Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver AU 62260/96 701220 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Subnetwork dependent convergence protocol for a mobile radio network SE 9803644-5 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Guaranteed service selection CN 99800032.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver AT A935/96 405346 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method for indicating power consumption in a packet switched communication system PCT PCT/FI99/00702 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method for indicating power consumption in a packet switched communication system US 09/383481 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method for indicating power consumption in a packet switched communication system JP 2000-571107 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method for indicating power consumption in a packet switched communication system FI 981838 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method for indicating power consumption in a packet switched communication system EPO 99940220.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Incremental redundancy between coded blocks with different sizes PCT PCT/FI00/00755 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Incremental redundancy between coded blocks with different sizes US PCT/FI00/00755 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Incremental redundancy between coded blocks with different sizes FI 991932 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Incremental redundancy between coded blocks with different sizes EPO 00958556.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Incremental redundancy between coded blocks with different sizes AU 70038/00 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Guaranteed service selection US 09/367921 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Guaranteed service selection JP 11-536779 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method for enhancing data transmission AU 16052/97 719988 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for enhancing data transmission RU 98117408 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network IT MI98A001897 1302155 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for enhancing data transmission DE 19781589.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for enhancing data transmission EPO 97902391.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for enhancing data transmission ES 9850012 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for enhancing data transmission FI 960752 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Guaranteed service selection FI 980062 106831 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for enhancing data transmission JP 9-529024 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM Guaranteed service selection EPO 99900478.1 HK The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method for enhancing data transmission US 08/800575 6144676 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and device for voice activity detection and a communication device EPO 96118504.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and device for voice activity detection and a communication device JP 08-331874 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Method and device for voice activity detection and a communication device US 08/763975 5963901 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Guaranteed service selection CA 2283264 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for enhancing data transmission CH 1707/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method for enhancing data transmission GB 9817289.3 2324937 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	KPN GSM Method for coding an analog signal having a repetitive nature and a device for coding by said method CA CA2050979 CA ETS 300 581-2; ETS 300 726; 3G TS 26.090 V.3.1.0 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method for reducing the number of GSM bearer services NZ 318789 318789 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for reducing the number of GSM bearer services US 09/043702 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Point-to-multipoint mobile radio transmission FI 973303 105874 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Point-to-multipoint mobile radio transmission EPO 98925675.5 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Point-to-multipoint mobile radio transmission CN 98808034.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Point-to-multipoint mobile radio transmission AU 77698/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method for de-allocation of GPRS phycial channel AU 64018/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method for de-allocation of GPRS phycial channel CN 98804343.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method for de-allocation of GPRS phycial channel EPO 98909513.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Method for de-allocation of GPRS phycial channel FI 971697 105136 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method for de-allocation of GPRS phycial channel JP 10-545065 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method for de-allocation of GPRS phycial channel US 09/603167 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network NL 1009737 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	KPN GSM Method for coding an analog signal having a repetitive nature and a device for coding by said method EPO EP0475520 AT, BE, CH, LI, DE, DK, ES, FR, GB, IT, LU, NL, SE ETS 300 581-2; ETS 300 726; 3G TS 26.090 V.3.1.0 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method for reducing the number of GSM bearer services FI 954545 101337 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Cell selection in a multiple modulation cellular radio system FI 980020 106607 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM ALGEBRAICH CODEBOOK WITH SIGNAL-SELECTED PULSE AMPLITUDE/POSITION COMBINATIONS FOR FAST CODING OF SPEECH FI 973241 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM PREDICTIVE SPLIT-MATRIX QUANTIZATION OF SPECTRAL PARAMETERS FOR EFFICIENT CODING OF SPEECH CA 2216315 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station US 09/185687 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station RU 98120252 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station NL 1010477 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station JP 10-300863 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station IT MI98A002375 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station IN 2404/MAS/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station GB 9823843.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station FR 9813208 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station FI 974144 106665 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station ES 9802289 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method for de-allocation of GPRS phycial channel RU 99124596 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	KPN GSM Method for coding an analog signal having a repetitive nature and a device for coding by said method PT PT98900 PT ETS 300 581-2; ETS 300 726; 3G TS 26.090 V.3.1.0 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network HK 01103066.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network GB 9818013.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network FR 9810440 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network FI 973373 106175 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network DE 19835427.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network CN 98810085.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network AU 84437/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Data transfer in a mobile telephone network AT A1348/98 407.686 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Point-to-multipoint mobile radio transmission US 09/132122 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Point-to-multipoint mobile radio transmission RU 2000105897 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Point-to-multipoint mobile radio transmission JP 2000-506780 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Point-to-multipoint mobile radio transmission HK 01101363.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	KPN GSM Method for coding an analog signal having a repetitive nature and a device for coding by said method FI FI105624 FI
ETSI Deliverable: Notes:	ETS 300 581-2; ETS 300 726; 3G TS 26.090 V.3.1.0 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for reducing the number of GSM bearer services NO 981333 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM PACKET TRANSMISSION IN MOBILE TELECOMMUNICATIONS SYSTEMS JP 10-541193 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM Improving user data packet transmission in inter SGSN routing area update in GPRS FI 980340 106424 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation GSM A method for reducing the number of GSM bearer services EPO 96931826.0 HK The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for reducing the number of GSM bearer services CN 96197188.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for reducing the number of GSM bearer services CA 2232792 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method for reducing the number of GSM bearer services AU 70865/96 715225 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	KPN GSM Method for coding an analog signal having a repetitive nature and a device for coding by said method JP JP2640595 JP ETS 300 581-2; ETS 300 726; 3G TS 26.090 V.3.1.0 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:Nokia CorporationProject:GSMTitle:PACKET TRANSMISSION IN MOBILE TELECOMMUNICATIONS SYSTEMSCountry of registration:NOApplication no.:985510Notes:The SIGNATORY has notified ETSI that it is the proprietor of the above listed IIinformed ETSI that it believes that the IPRs may be considered ESSENTIAL to	
listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they to grant irrevocable licences under the IPRs on terms and conditions which are with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the ex IPRs remain ESSENTIAL.	y are prepared e in accordance
Company name: KPN Project: GSM Title: Method for coding an analog signal having a repetitive nature and a device for method Country of registration: NO	coding by said
Patent no.: NO302549	
Countries applicable: NO	
ETSI Deliverable: ETS 300 581-2; ETS 300 726; 3G TS 26.090 V.3.1.0 Notes: The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared irrevocable licences under the IPRs on terms and conditions which are in accord Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent to remain ESSENTIAL.	rdance with
Company name: Nokia Corporation	
Project: GSM	
Title: PACKET TRANSMISSION IN MOBILE TELECOMMUNICATIONS SYSTEMS	
Country of registration: FI	
Application no.: 971319	
Patent no.: 104874 Notes: The SIGNATORY has notified ETSI that it is the proprietor of the above listed II informed ETSI that it believes that the IPRs may be considered ESSENTIAL to listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they to grant irrevocable licences under the IPRs on terms and conditions which are with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the ex IPRs remain ESSENTIAL.	the Standards y are prepared in accordance
Company name: Nokia Corporation	
Project: GSM Title: PACKET TRANSMISSION IN MOBILE TELECOMMUNICATIONS SYSTEMS	
Title: PACKET TRANSMISSION IN MOBILE TELECOMMUNICATIONS SYSTEMS Country of registration: EPO	
Application no.: 98912514.1	
Notes: The SIGNATORY has notified ETSI that it is the proprietor of the above listed II informed ETSI that it believes that the IPRs may be considered ESSENTIAL to listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they to grant irrevocable licences under the IPRs on terms and conditions which are with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the ex IPRs remain ESSENTIAL.	the Standards y are prepared in accordance
Company name: Nokia Corporation	
Project: GSM	
Title: PACKET TRANSMISSION IN MOBILE TELECOMMUNICATIONS SYSTEMS	
Country of registration: CN Application no.: 98800380.5 Notes: The SIGNATORY has notified ETSI that it is the proprietor of the above listed II informed ETSI that it believes that the IPRs may be considered ESSENTIAL to listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they to grant irrevocable licences under the IPRs on terms and conditions which are with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the ex IPRs remain ESSENTIAL.	the Standards y are prepared in accordance

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM PACKET TRANSMISSION IN MOBILE TELECOMMUNICATIONS SYSTEMS AU 67316/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.:	US5528629
Countries applicable: ETSI Deliverable: Notes:	US ETS 300 581-2; ETS 300 726; 3G TS 26.090 V.3.1.0 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method for reducing the number of GSM bearer services JP 09-513159 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM PACKET TRANSMISSION IN MOBILE TELECOMMUNICATIONS SYSTEMS US 09/171968 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station BR 9804390-0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Robert Bosch GmbH
Project: Title:	GSM Synchronisation method for mobile telephone of GSM standard with beginning, normal and
	end synchronisation
Country of registration:	
Application no.:	292374/92
Countries applicable: Notes:	JP The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	SIEMENS
Project:	GSM
Title:	Method, mobile station and radio communication system for controlling safety related
Country of registration:	functions in communication handling
Application no.:	KR / 7010361/00
Countries applicable:	KR
ETSI Deliverable:	GSM 04.08 V6.7.0 GSM 02.07 V6.1.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
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Company name: Project:	SIEMENS GSM
Title:	Method, mobile station and radio communication system for controlling safety related
	functions in communication handling
Country of registration: Application no.:	DE JP / 12-537394
Countries applicable:	JP
ETSI Deliverable:	GSM 04.08 V6.7.0
Notes:	GSM 02.07 V6.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IRRs and has
NOLES.	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	GSM Cell selection in a multiple modulation cellular radio system
Country of registration:	
Application no.:	09/224234
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
	II IN IGHAIL LOOLNIAL.
Company name:	SIEMENS
Project:	GSM
Title:	Method, mobile station and radio communication system for controlling safety related functions in communication handling
Country of registration:	
Application no.:	EP 1 064 810
Countries applicable:	
ETSI Deliverable:	GSM 04.08 V6.7.0 GSM 02.07 V6.1.0

Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method, mobile station and radio communication system for controlling safety related functions in communication handling DE DE 19812215 DE GSM 04.08 V6.7.0 GSM 02.07 V6.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	
Application no.: Countries applicable: ETSI Deliverable:	WO99/48318 US GSM 04.08 V6.7.0 GSM 02.07 V6.1.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation GSM
Title: Country of registration:	Method and arrangement for defining transmission power in a mobile station
Application no.: Notes:	89266/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Cell selection in a multiple modulation cellular radio system EPO 99300036.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Cell selection in a multiple modulation cellular radio system CN 99803540.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	18802/99 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver US 08/672932 5835889 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver SE 9602230-6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method, base station and subscriber station for channel coding in a GSM mobile radio telephone system DE WO00/31880 AU, BR, CA, CN, HU, ID, IN, JP, KR, MX, RU, US, EPO GSM 05.03 V8.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Electronic crypto-memory module DE 844486 NO GSM 03.20 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	Robert Bosch GmbH GSM Synchronisation method for mobile telephone of GSM standard with beginning, normal and end synchronisation DE 106164 FI The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	Robert Bosch GmbH GSM Synchronisation method for mobile telephone of GSM standard with beginning, normal and end synchronisation DE 4136147 DE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Data transmission method especially in GSM communication system DE 68155 US GSM 04.53 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Data transmission method especially in GSM communication system DE 520047/97 JP GSM 04.53 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Data transmission method especially in GSM communication system DE PTC DE96/01683 CA GSM 04.53 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	
Application no.: Patent no.: Notes:	98101723 2158446 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Method for decoding binary signals DE 4137609 DE GSM 06.21, V5.0.1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	9710357 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Electronic crypto-memory module DE 3340582 DE GSM 03.20 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Electronic crypto-memory module DE 5395/84 CH GSM 03.20 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Sun Microsystems, Inc. GSM Data Exchange System Comprising Portable Data Processing Units EU 666550 DE, GB, FR, IT, NL GSM 03.19 In accordance with the ETSI IPR Policy, Article 4.1, the SIGNATORY hereby informs ETSI that, with reference to ETSI Standard No. GSM 03.19, SUN hereby declares its belief that the above-mentioned patent might be considered ESSENTIAL in respect of the GSM 03.19 specification. SUN further declares that it has granted, and is prepared to continue to grant, licenses under its ESSENTIAL IPR, including the listed patents, on fair, reasonable and non- discriminatory terms and conditions. In making this latter declaration, SUN relies on their continuing belief, also stated in their prior declaration to ETSI with respect to GSM 03.19, that their standard license terms and conditions, as reflected in agreements they have previously entered into with SIM card manufacturers, satisfy this standard.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station CN 98123845.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station CH 2114/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver US 08/672932 5835889 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Robert Bosch GmbH GSM Method for decoding binary signals DE 925170 FI GSM 06.21, V5.0.1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	A935/96 405346 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM PREDICTIVE SPLIT-MATRIX QUANTIZATION OF SPECTRAL PARAMETERS FOR EFFICIENT CODING OF SPEECH CN 96193827,7 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM PREDICTIVE SPLIT-MATRIX QUANTIZATION OF SPECTRAL PARAMETERS FOR EFFICIENT CODING OF SPEECH EPO 96908945,7 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM PREDICTIVE SPLIT-MATRIX QUANTIZATION OF SPECTRAL PARAMETERS FOR EFFICIENT CODING OF SPEECH JP 08-529817 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	GSM
Title:	SPEECH SYNTHESIZER EMPLOYING POST-PROCESSING FOR ENHANCING THE
	QUALITY OF THE SYNTHESIZED SPEECH
Country of registration:	GB
Application no.:	9512284,2
Patent no.:	714752
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Title:	SPEECH SYNTHESIZER EMPLOYING POST-PROCESSING FOR ENHANCING THE
	QUALITY OF THE SYNTHESIZED SPEECH
Country of registration:	
Application no.:	62309/96
Patent no.:	714742
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
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Company name:	Nokia Corporation
Project:	GSM
Title:	SPEECH SYNTHESIZER EMPLOYING POST-PROCESSING FOR ENHANCING THE
	QUALITY OF THE SYNTHESIZED SPEECH
Country of registration:	
Application no.:	9608479-0
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
	Temain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Title:	SPEECH SYNTHESIZER EMPLOYING POST-PROCESSING FOR ENHANCING THE
The:	QUALITY OF THE SYNTHESIZED SPEECH
Country of registration:	
Application no.:	2224688
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
10100.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Title:	SPEECH SYNTHESIZER EMPLOYING POST-PROCESSING FOR ENHANCING THE
	QUALITY OF THE SYNTHESIZED SPEECH
Country of registration:	
Application no.:	96196226,7
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	96920925,3 AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	Nokia Corporation GSM SPEECH SYNTHESIZER EMPLOYING POST-PROCESSING FOR ENHANCING THE QUALITY OF THE SYNTHESIZED SPEECH
Country of registration: Application no.: Notes:	ES P9750009 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation GSM
Title: Country of registration:	SPEECH SYNTHESIZER EMPLOYING POST-PROCESSING FOR ENHANCING THE QUALITY OF THE SYNTHESIZED SPEECH IN
Application no.: Notes:	1054/MAS/96 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation GSM
Title:	SPEECH SYNTHESIZER EMPLOYING POST-PROCESSING FOR ENHANCING THE QUALITY OF THE SYNTHESIZED SPEECH
Country of registration: Application no.: Notes:	JP 9-502809 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation GSM
Title:	SPEECH SYNTHESIZER EMPLOYING POST-PROCESSING FOR ENHANCING THE QUALITY OF THE SYNTHESIZED SPEECH
Country of registration: Application no.: Notes:	RU 98101107 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Cell selection in a multiple modulation cellular radio system JP 2000-528121 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	GSM
Title:	A method to evaluate the hangover period in a speech decoder in discontinuous transmission,
	and a speech encoder and the transceiver
Country of registration:	
Application no.:	9601195
Patent no.:	9601195
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Compony nomo	Nakia Corporation
Company name: Project:	Nokia Corporation GSM
Title:	A method to evaluate the hangover period in a speech decoder in discontinuous transmission,
The.	and a speech encoder and the transceiver
Country of registration:	
Application no.:	9602230-6
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	GSM
Title:	A method to evaluate the hangover period in a speech decoder in discontinuous transmission,
Country of registration	and a speech encoder and the transceiver RU
Country of registration: Application no.:	PCT/FI96/00369
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notes.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Nokia Corporation
Company name: Project:	Nokia Corporation GSM
	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission,
Project: Title:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver
Project: Title: Country of registration:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX
Project: Title: Country of registration: Application no.:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357
Project: Title: Country of registration:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Project: Title: Country of registration: Application no.:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Project: Title: Country of registration: Application no.:	 GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
Project: Title: Country of registration: Application no.:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Project: Title: Country of registration: Application no.: Notes:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Notes: Company name:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Notes:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Notes: Company name: Project:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission,
Project: Title: Country of registration: Application no.: Notes: Company name: Project:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver
Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver
Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver JP
Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver JP 9-504848 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
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Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes:	 GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver JP 9-504848 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver JP 9-504848 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver JP 9-504848 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver JP 9-504848 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
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Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Project: Title:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver JP 9-504848 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver JP 9-504848 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Project: Title:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver JP 9-504848 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Project: Title:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver MX 9710357 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver JP 9-504848 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM SPEECH SYNTHESIZER EMPLOYING POST-PROCESSING FOR ENHANCING THE QUALITY OF THE SYNTHESIZED SPEECH US 662991 5946651 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	9607841 2736186 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver FI 953252 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver BR PI9608734-0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver CN 96195176,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project: Title: Country of registration: Application no.: Notes:	GSM Improving user data packet transmission in inter SGSN routing area update in GPRS
Company name: Project: Title: Country of registration:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver BT
Application no.: Notes:	PI9608734-0 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission,
	and a speech encoder and the transceiver
Country of registration: Application no.:	AU 62260
Patent no.:	701220
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver
	DE
Country of registration:	
Country of registration: Application no.: Notes:	19617630,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Application no.: Notes: Company name:	19617630,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Application no.: Notes:	19617630,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission,
Application no.: Notes: Company name: Project: Title: Country of registration:	19617630,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver GB
Application no.: Notes: Company name: Project: Title: Country of registration: Application no.:	19617630,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver GB 9612833,5
Application no.: Notes: Company name: Project: Title: Country of registration:	19617630,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver GB 9612833,5 2303034 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	19617630,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver GB 9612833,5 2303034
Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name:	19617630,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver GB 9612833,5 2303034 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
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Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title:	19617630,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver GB 9612833,5 2303034 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GSM Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network
Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project:	19617630,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver GB 9612833,5 2303034 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GSM Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE
Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes: Company name: Project: Title: Country of registration:	19617630,1 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver GB 9612833,5 2303034 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. SIEMENS GSM Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network

Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE IN / 1533/CAL/97 IN GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE CN / 1180285 CN GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE EP 0 827 355 EPO GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	SIEMENS GSM Method for administering additional services in a mobile communication network DE ZA/ 97/1770 ZA GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0

Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for administering additional services in a mobile communication network DE US 6 085 105 US GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for administering additional services in a mobile communication network DE DE 196 08 464 DE GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for administering additional services in a mobile communication network DE IN / 266/CAL/97 IN GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	SIEMENS GSM Method for administering additional services in a mobile communication network DE CN / 1160330 CN GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0

Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for administering additional services in a mobile communication network DE EP 0 793 394 EPO GSM 03.18 V6.5.0 GSM 03.18 V6.5.0 GSM 03.16 V7.2.0 GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for confirmed multi-address calling in a regionally split GSM mobile radio network DE DE 19549008 DE GSM 03.68 V6.2.0 GSM 03.69 V6.2.0 GSM 09.07 V4.11.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for confirmed multi-address calling in a regionally split GSM mobile radio network DE IN / 2152/CAL/96 IN GSM 03.68 V6.2.0 GSM 03.69 V6.2.0 GSM 09.07 V4.11.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	SIEMENS GSM Method for confirmed multi-address calling in a regionally split GSM mobile radio network DE EP 0 782 356 EPO GSM 03.68 V6.2.0 GSM 03.69 V6.2.0 GSM 09.07 V4.11.0

Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE DE 19635581 DE GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE DE 19509000 DE GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method and system for determining the location of a mobile radio communication subscriber registered in a cellular mobile radiotelephone network DE US 6035 198 US GSM 03.79 V5.2.0 TS 23.079 V5.2.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	SIEMENS GSM Method for Setting up a call connection for a group call to a group of mobile radio subscribers in a mobile radio network DE EP 0 727 914 EPO GSM 03.68 V5.3.1 GSM 03.69 V5.1.2

Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for the use of services by network subscribers DE EP 0 715 473 EPO GSM 03.78 V6.1.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for the use of services by network subscribers DE FI / 955737 FI GSM 03.78 V6.1.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for setting up a connection between a plurality of cellular networks DE EP 0 675 663 EPO GSM 03.18 V6.5.0 GSM 02.79 V6.0.0 TS 22.079 V3.0.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Telecommunications network as well as subscriber stations and central station for a Telecommunications network DE DE 36 38 735 DE GSM 03.03 V7.5.0 GSM 02.16 V7.2.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Device for point-to-point wire-free transmission of speech DE DE 32 25 443 DE GSM 05.05 V8.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	CA 1238951 CA GSM 06.31 V8.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE EP 0 732 861 EPO GSM 03.78 V6.1.1 TS 29.002 V3.6.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for jam-resistant communication transmission DE US 4 843 612 US GSM 06.31 V8.0.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	SIEMENS GSM Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network DE FI / 961174 FI GSM 03.78 V6.1.1 TS 29.002 V3.6.0

Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver CA 2222501 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	Robert Bosch GmbH GSM Synchronisation method for mobile telephone of GSM standard with beginning, normal and end synchronisation DE
Patent no.: Countries applicable:	5390216 US
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project: Title:	GSM Method for the transmission of subscriber data between network nodes in at least one communications network supporting the structure of an intelligent network
Country of registration: Application no.:	
Countries applicable: ETSI Deliverable:	CN GSM 03.78 V6.1.1
ETSI Deliverable:	TS 29.002 V3.6.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	SIEMENS GSM
Title:	Method for displaying telephone numbers on subscriber stations of calling subscribers in a voice group call service
Country of registration: Application no.:	DE EP 0 771 126
Countries applicable:	EPO
ETSI Deliverable:	GSM 02.68 V5.1.3 GSM 03.68 V5.3.1 GSM 02.69 V5.1.3 GSM 03.69 V5.1.2
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM Method and arrangement for defining transmission power in a mobile station DE 19847678.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	SIEMENS
Project: Title:	GSM Method and system for determining the location of a mobile radio communication subscriber
	registered in a cellular mobile radiotelephone network
Country of registration: Application no.:	DE KR / 24254/98
Countries applicable:	KR
ETSI Deliverable:	GSM 03.79 V5.2.0 TS 23.079 V3.3.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission,
	and a speech encoder and the transceiver
Country of registration: Application no.:	ES 9601195
Patent no.:	9601195
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	Nokia Corporation GSM
Title:	A method to evaluate the hangover period in a speech decoder in discontinuous transmission,
Country of registration:	and a speech encoder and the transceiver
Application no.:	953252
Patent no.: Notes:	105001 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver FR 9607841 2736186 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver GB 9612833.5 2303034 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver CN 96195176.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver JP 9-504848 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver CA 2222501 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Interception in wireless networks DE CN / 1271501 CN GSM 03.33 V7.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Interception in wireless networks DE DE 197 41 216 DE GSM 03.33 V7.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Sun Microsystems, Inc. GSM Data Exchange System Comprising Portable Data Processing Units AU 706393 AU GSM 03.19 In accordance with the ETSI IPR Policy, Article 4.1, the SIGNATORY hereby informs ETSI that, with reference to ETSI Standard No. GSM 03.19, SUN hereby declares its belief that the above-mentioned patent might be considered ESSENTIAL in respect of the GSM 03.19 specification. SUN further declares that it has granted, and is prepared to continue to grant, licenses under its ESSENTIAL IPR, including the listed patents, on fair, reasonable and non- discriminatory terms and conditions. In making this latter declaration, SUN relies on their continuing belief, also stated in their prior declaration to ETSI with respect to GSM 03.19, that their standard license terms and conditions, as reflected in agreements they have previously entered into with SIM card manufacturers, satisfy this standard.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Sun Microsystems, Inc. GSM Data Exchange System Comprising Portable Data Processing Units EU 757336 BE, DK, DE, GB, FR, GR, IE, IT, LU, AT, PT, CH, ES, SE, NL GSM 03.19 In accordance with the ETSI IPR Policy, Article 4.1, the SIGNATORY hereby informs ETSI that, with reference to ETSI Standard No. GSM 03.19, SUN hereby declares its belief that the above-mentioned patent might be considered ESSENTIAL in respect of the GSM 03.19 specification. SUN further declares that it has granted, and is prepared to continue to grant, licenses under its ESSENTIAL IPR, including the listed patents, on fair, reasonable and non- discriminatory terms and conditions. In making this latter declaration, SUN relies on their continuing belief, also stated in their prior declaration to ETSI with respect to GSM 03.19, that their standard license terms and conditions, as reflected in agreements they have previously entered into with SIM card manufacturers, satisfy this standard.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Sun Microsystems, Inc. GSM Data Exchange System Comprising Portable Data Processing Units NZ 278967 NZ GSM 03.19 In accordance with the ETSI IPR Policy, Article 4.1, the SIGNATORY hereby informs ETSI that, with reference to ETSI Standard No. GSM 03.19, SUN hereby declares its belief that the above-mentioned patent might be considered ESSENTIAL in respect of the GSM 03.19 specification. SUN further declares that it has granted, and is prepared to continue to grant, licenses under its ESSENTIAL IPR, including the listed patents, on fair, reasonable and non- discriminatory terms and conditions. In making this latter declaration, SUN relies on their continuing belief, also stated in their prior declaration to ETSI with respect to GSM 03.19, that their standard license terms and conditions, as reflected in agreements they have previously entered into with SIM card manufacturers, satisfy this standard.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	Robert Bosch GmbH GSM Synchronisation method for mobile telephone of GSM standard with beginning, normal and end synchronisation DE 540808 AT, DE, DK, ES, FR, GB, IT, NL, SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver IT MI96A/001200 1283133 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method and base station system for voice transmission via a radio interface in a digital radio communication system having mobile stations and base stations DE CA / 2225205 CA GSM 06.76 V7.2.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	SIEMENS GSM Method and mobile communication system for routeing of call connections DE WO98/23117 US GSM 03.18 V6.5.0 GSM 03.79 V5.2.0 TS 23.079 V3.3.0

Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method and mobile communication system for routeing of call connections DE DE 19635581 DE GSM 03.18 V6.5.0 GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method and mobile communication system for routeing of call connections DE EP 0 878 109 EPO GSM 03.18 V6.5.0 GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation GSM A method to evaluate the hangover period in a speech decoder in discontinuous transmission, and a speech encoder and the transceiver DE 19617630.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method and base station system for voice transmission via a radio interface in a digital radio communication system having mobile stations and base stations DE IN / 2391/CAL/97 IN GSM 06.76 V7.2.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	JP 2977154 JP GSM 03.79 V5.2.0 TS 23.079 V3.3.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name:	SIEMENS GSM Method and base station system for voice transmission via a radio interface in a digital radio communication system having mobile stations and base stations DE US 6 128 513 US GSM 06.76 V7.2.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	GSM Method and base station system for voice transmission via a radio interface in a digital radio communication system having mobile stations and base stations DE DE 19653122 DE GSM 06.76 V7.2.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	IPRs remain ESSENTIAL. SIEMENS GSM Method and mobile communication system for supporting portability of a mobile subscriber telephone number DE DE 197 09 713 DE GSM 03.66 V7.3.1 GSM 02.66 V7.1.0 TS 22.066 V3.0.1 TS 23.066 V3.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Method for Setting up a call connection for a group call to a group of mobile radio subscribers in a mobile radio network DE FI / 960662 FI GSM 03.68 V5.3.1 GSM 03.69 V5.1.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	SIEMENS GSM Interception in wireless networks DE EP 1 016 304 EPO GSM 03.33 V7.1.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	US 5 797 100 US GSM 03.68 V5.3.1 GSM 03.69 V5.1.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola GSM Digital Speech Coder Having Improved Long Term Lag Parameter Determination EPO EP0415163 BE, CH, DE, FR, GB, IT, LI, NL GSM 06.20 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	SIEMENS
Project:	GSM
Title:	Method and base station system for voice transmission via a radio interface in a digital radio
	communication system having mobile stations and base stations
Country of registration:	DE
Application no.:	GB 2322047
Countries applicable:	GB
ETSI Deliverable:	GSM 06.76 V7.2.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

GSM/AMR-NB

Company name:	NEC Corporation
Project:	GSM/AMR-NB
Country of registration:	JP
Application no.:	57-231606
Patent no.:	1740694
Countries applicable:	JP
Notes:	AMR
Company name:	NEC Corporation
Project:	GSM/AMR-NB
Country of registration:	JP
Application no.:	57-231603
Patent no.:	1740692
Countries applicable:	JP
Notes:	AMR
Company name:	Nokia
Project:	GSM/AMR-NB
Country of registration:	US
Patent no.:	5444816
Countries applicable:	US
Notes:	AMR
Company name:	NEC Corporation
Project:	GSM/AMR-NB
Country of registration:	JP
Application no.:	57-231605
Patent no.:	1740693
Countries applicable:	JP
Notes:	AMR
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	Nortel Northern Telecom Ltd. GSM/AMR-NB Methods and apparatus for noise conditioning in digital speech compression using linear predictive coding CA US 5642464 CA, US, EU Nortel has stated that, in accordance with the ETSI Interim IPR Policy, Article 4.1 and in relation to the work item No AMR, they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI Interim IPR Policy, in respect of the Standard, to the extent that the IPRs remain essential.
Company name:	NEC Corporation
Project:	GSM/AMR-NB
Title:	Method and apparatus for encoding voice signals
Country of registration:	US
Application no.:	565804
Patent no.:	4716592
Countries applicable:	US
Notes:	AMR
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	France Telecom GSM/AMR-NB Method of adapting the noise masking level in an analysis-by-synthesis speech coder employing a short-term perceptual weighting filter FR 2734389 US, CA, JP, CN, HK, KR, FR, GB, DE, IT, NL, SE, DK B-FRANC candidate of AMR selection. The list provided during this AMR selection phase may not include "pending" patents.

Company name:	
	Nokia
Project:	GSM/AMR-NB
Country of registration:	
Patent no.:	5664053
Countries applicable:	US
Notes:	AMR
Company name:	Cellnet
Project:	GSM/AMR-NB
Country of registration:	
ETSI Deliverable:	AMR
Notes:	Cellnet declared, with respect to work item and standard No AMR, that they are prepared, to
	grant irrevocable licenses under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the
	standard remain essential. The list provided during this AMR Selection phase may not include
	"pending" patents.
Company name:	Rockwell Semiconductor Systems
Project:	GSM/AMR-NB
Title:	Usage of voice activity detection for efficient coding of speech
Country of registration:	n/a
Application no.:	n/a
Patent no.:	5689615
Countries applicable:	US
Notes:	AMR
Company name:	Rockwell Semiconductor Systems
Project:	GSM/AMR-NB
Title:	Method and apparatus for generating frame voicing decisions of an incoming speech signal
Country of registration:	
Application no.:	
	n/a
Patent no.:	5774849
Countries applicable:	US
Notes:	AMR
Company name:	NEC Corporation
Company name:	NEC Corporation
Project:	GSM/AMR-NB
Project: Country of registration:	GSM/AMR-NB CA
Project:	GSM/AMR-NB
Project: Country of registration: Application no.:	GSM/AMR-NB CA 444239-3
Project: Country of registration: Application no.: Patent no.:	GSM/AMR-NB CA 444239-3 1197619
Project: Country of registration: Application no.: Patent no.: Countries applicable:	GSM/AMR-NB CA 444239-3 1197619 CA
Project: Country of registration: Application no.: Patent no.:	GSM/AMR-NB CA 444239-3 1197619
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	GSM/AMR-NB CA 444239-3 1197619 CA AMR
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name:	GSM/AMR-NB CA 444239-3 1197619 CA AMR Rockwell Semiconductor Systems
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project:	GSM/AMR-NB CA 444239-3 1197619 CA AMR
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name:	GSM/AMR-NB CA 444239-3 1197619 CA AMR Rockwell Semiconductor Systems GSM/AMR-NB
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title:	GSM/AMR-NB CA 444239-3 1197619 CA AMR R Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	GSM/AMR-NB CA 444239-3 1197619 CA AMR Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM/AMR-NB CA 444239-3 1197619 CA AMR R Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GSM/AMR-NB CA 444239-3 1197619 CA AMR R Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	GSM/AMR-NB CA 444239-3 1197619 CA AMR R Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	GSM/AMR-NB CA 444239-3 1197619 CA AMR R Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	GSM/AMR-NB CA 444239-3 1197619 CA AMR R Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839 US
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	GSM/AMR-NB CA 444239-3 1197619 CA AMR R Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839 US
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name:	GSM/AMR-NB CA 444239-3 1197619 CA AMR Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839 US AMR
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project:	GSM/AMR-NB CA 444239-3 1197619 CA AMR Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839 US AMR Ericsson GSM/AMR-NB
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title:	GSM/AMR-NB CA 444239-3 1197619 CA AMR Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839 US AMR Ericsson GSM/AMR-NB Referring to the SMG11 AMR qualification deliverables documents, AMR-12a, §2.7
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	GSM/AMR-NB CA 444239-3 1197619 CA AMR Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839 US AMR Ericsson GSM/AMR-NB Referring to the SMG11 AMR qualification deliverables documents, AMR-12a, §2.7 n/a
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title:	GSM/AMR-NB CA 444239-3 1197619 CA AMR Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839 US AMR Ericsson GSM/AMR-NB Referring to the SMG11 AMR qualification deliverables documents, AMR-12a, §2.7 n/a
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	GSM/AMR-NB CA 444239-3 1197619 CA AMR R Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839 US AMR Ericsson GSM/AMR-NB Referring to the SMG11 AMR qualification deliverables documents, AMR-12a, §2.7 n/a With regard to GSM and UMTS, Ericsson is of the opinion that it has patent(s) and/or pending
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	GSM/AMR-NB CA 444239-3 1197619 CA AMR Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839 US AMR Ericsson GSM/AMR-NB Referring to the SMG11 AMR qualification deliverables documents, AMR-12a, §2.7 n/a With regard to GSM and UMTS, Ericsson is of the opinion that it has patent(s) and/or pending patent application(s) relating to the AMR proposal. Ericsson is fully prepared to grant licenses
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	GSM/AMR-NB CA 444239-3 1197619 CA AMR Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839 US AMR Ericsson GSM/AMR-NB Referring to the SMG11 AMR qualification deliverables documents, AMR-12a, §2.7 n/a With regard to GSM and UMTS, Ericsson is of the opinion that it has patent(s) and/or pending patent application(s) relating to the AMR proposal. Ericsson is fully prepared to grant licenses to these patents on a fair, reasonable, and non discriminatory basis in accordance with he
Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	GSM/AMR-NB CA 444239-3 1197619 CA AMR Rockwell Semiconductor Systems GSM/AMR-NB Delayed decision switched prediction multistage LSF vector quantization n/a n/a 5774839 US AMR Ericsson GSM/AMR-NB Referring to the SMG11 AMR qualification deliverables documents, AMR-12a, §2.7 n/a With regard to GSM and UMTS, Ericsson is of the opinion that it has patent(s) and/or pending patent application(s) relating to the AMR proposal. Ericsson is fully prepared to grant licenses

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Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	Rockwell Semiconductor Systems GSM/AMR-NB Spike code-excited linear prediction n/a 5664054 US AMR
Company name: Project: Title: Country of registration: ETSI Deliverable: Notes:	Alcatel GSM/AMR-NB AMR 12b, Document Tdoc SMG11 134/98R2, n/a AMR Alcatel declared that they are prepared to grant irrevocable licenses under the IPRs owned by the signatory or its affiliates on terms and conditions which are in accordance with clause 6.1 of the ETSI IPR interim Policy, to the extent that the IPRs are essential for any ETSI standard relating to the AMR Speech Codec proposal.
Company name:	Nokia
Project:	GSM/AMR-NB
Country of registration:	GB
Patent no.:	9605123
Countries applicable:	GB
Notes:	AMR
Company name:	Nokia
Project:	GSM/AMR-NB
Country of registration:	US
Patent no.:	4969192
Countries applicable:	US
Notes:	AMR

GSM/TDMA

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK (DUTCH TITLE: HET INITIEREN VAN EEN COMMUNICATIEKANAAL TUSSEN EEN ABONNEES) NL 191 869 NL The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK NZ 228172 NZ The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK MY MY-103830A MY The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK AU 603732 AU The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK IN 174843 IN The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS ZA 88/8062 ZA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	4 785 450 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS TW 36023 TW The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK (NORWEGIAN TITLE: ABONNENTKOMMUNIKASJONSSYSTEM) NO 176,638 NO The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK (NORWEGIAN TITLE: ABONNENTKOMMUNIKASJONSSYSTEM) NO 176,637 NO The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM KR 51 947 KR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER (FRENCH TITLE: DISPOSITIF D'INITIALISATION D'UNE VOIE DE COMMUNICATION ENTRE UN POSTE D'ABONNE E)
Country of registration: Patent no.: Countries applicable: Notes:	
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	9000315 BE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER (DISPOSITIF D'INITIALISATION D'UNE VOIE DE COMMUNICATION ENTRE UN POSTE D'ABONNE ET UNE STATION) BE 9000316 BE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
2	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK (BELGIAN TITLE: DISPOSITIF D'INITIALISATION D'UNE VOIE DE COMMUNICATION EN) BE 8900242 BE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER (BRAZILIAN TITLE: SISTEMA DE COMUNICACAO DE ASSINANTES) COMMUNICATION NETWORK) BR PI89010302 BR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK CA 1 288 823 CA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK (SPANISH TITLE: SISTEMA DE COMUNICACION DE ABONADOS) ES 8900774/3 ES The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK JP 2711333 JP The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK FI 98425 FI The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK (MEXICAN TITLE: INICIALIZACION DE CANAL DE COMUNICACION ENTRE UNA ESTACION) MX 169 911 MX The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER (FRENCH TITLE: DISPOSITIF D'INITIALISATION D'UNE VOIE DE COMMUNICATION ENTRE UN POSTE D'ABONNE E) FR 90 02733 FR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER (FRENCH TITLE: DISPOSITIF D'INITIALISATION D'UNE VOIE DE COMMUNICATION ENTRE UN POSTE D'ABONNE E) FR 89 02811 FR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK (INDONESIAN TITLE: PERMULAAN DARI SALURAN KOMUNIKASI ANTARA SUATU STASION) ID ID0001927 ID The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK IL 89428 IL The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK (ITALIAN TITLE: SISTEMA DI COMUNICAZIONE CON INIZIALIZZAZIONE DI CANALE DI) IT 1231180 IT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK KR 53 566 KR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK FI 100843 FI The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	2979319
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM (DANISH TITLE: GRUNDSTATION TIL DIGITALT RADIOTELEFONSYSTEM) DK 172084 DK The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM (SPANISH TITLE: CENTRAL DE BASE PARA SISTEMA TELEFONICO DIGITAL INALAMBRICO) ES
Patent no.: Countries applicable: Notes:	8800957 ES The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM FI 98430 FI The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM (FRENCH TITLE: STATION DE BASE POUR SYSTEME TELEPHONIQUE SANS FIL) FR 88 04299 FR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM GB 2208774 GB The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM HK 834/1994 HK The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM ID ID0001825 ID The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM (ITALIAN TITLE: STAZIONE BASE PER SISTEMA TELEFONICO DIGITALE SENZA FILI) IT 1219926 IT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM IN 178383 IN The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM CA 1 339 158 CA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM (MEXICAN TITLE: ESTACION BASE PARA UN SISTEMA TELEFONICO DIGITAL INALAMBRICO) MX 171,366 MX The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM MY MY-100488A MY The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM (DUTCH TITLE: BASISSTATION VOOR EEN DRAADLOOS DIGITAAL TELEFOONSTELSEL) NL 193162 NL The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM US 4 777 633 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM ZA 88/5961 ZA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS TW 74105869 TW The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS SG 9692130-9 SG The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM IL 85678 IL The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM TW 31631 TW The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK (SWEDISH TITLE: SYNKRONISERING AV BASSTATION OCH ABONNENTSTATION I ETT ABO) SE 9001262-6 SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK (SWEDISH TITLE: ABONNENTKOMMUNIKATIONSSYSTEM) SE 8900642-3 SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK RU 2038699 RU The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK TW 36534 TW The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION SYSTEM US 4 811 420 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK ZA 89/1609 ZA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM NO 175559 NO The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM DE P 38 12611 DE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM RU 2003229 RU The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM CN 10 469 CN The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM UA 27687 UA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM AU 585 748 AU The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM AZ i20000075 AZ The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM (BELGIAN TITLE: STATION DE BASE POUR SYSTEME TELEPHONIQUE NUMERIQUE SANS FIL.) BE 8800372 BE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM (BRAZILIAN TITLE: ESTACAO DE BASE EM UMA REDE DE COMUNICACAO DE ASSINANTES PARA COMUNICAR ENTRE AS ESTACOES DE ASSINANTE E UMA REDE EXTERNA) BR PI8801530 BR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM BY 1154 BY The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA CONNECTION OF SUBSCRIBER COMMUNICATION NETWORK BASE STATION TO EXTERNAL INFORMATION NETWORK CA 1 339 157 CA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA INITIALIZATION OF COMMUNICATION CHANNEL BETWEEN A SUBSCRIBER STATION AND A BASE STATION IN A SUBSCRIBER COMMUNICATION NETWORK (PORTUGUESE TITLE: INICIALIZACAO DE UM CANAL DE COMUNICACAO ENTRE UM POSTO) PT 89 897 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA BASE STATION FOR WIRELESS DIGITAL TELEPHONE SYSTEM (PORTUGUESE TITLE: ESTACAO DE BASE PARA SISTEMAS TELEFONICO DIGITAL POR VIA RADIOELECTRICA) PT 87283 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS SG 8990649,9 SG The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS US 5 022 024 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS KR 40230 KR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS MX 162,175 MX The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA CONNECTION OF SUBSCRIBER COMMUNICATION NETWORK BASE STATION TO EXTERNAL INFORMATION NETWORK US 4 779 262 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS US 4 817 089 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	8803823-7 SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS MY MY-102335A MY The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS MY MY100722A MY The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS (NORWEGIAN TITLE: MODEM FOR TELEFONSYSTEMER, ELLER AB) NO 304090 NO The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS NO 308879 NO The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS JP 2816349 JP The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS IT 1191300 IT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS TW NI-30412 TW The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS US 4 675 863 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS US 6 014374 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS US 5 734 678 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS US 5 657 358 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS US 5 687 194 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS US 5 119 375 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS US 5 022 024 US
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS US
Patent no.: Countries applicable: Notes:	4 912 705 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS
Country of registration: Patent no.: Countries applicable: Notes:	B14817089, US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS US 5 121 391
Countries applicable: Notes:	US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS AU 595139 AU The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS ES 557.496/X ES The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS BE 904 065 BE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS BR PI 8505598 BR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS CA 1 250 673 CA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SYSTEM. (SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINLGE OR A PLURALITY OF RF CHANNELS.) CA 1 307 064 CA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS
Patent no.: Countries applicable: Notes:	675333 CH The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS
Country of registration: Patent no.: Countries applicable: Notes:	CL 36,08 CL The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS
Country of registration: Patent no.: Countries applicable: Notes:	AU 576627 AU The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS AT 404202 AT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS (ARGENTINEAN TITLE - DISPOSICION TELEFONICA DE RF PAR AR 241429 AR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.:	37,738
Countries applicable: Notes:	CL The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	
Patent no.: Countries applicable: Notes:	2979064 JP The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS
Country of registration: Patent no.: Countries applicable: Notes:	3645360 DE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS SE 8504662-1 SE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS ES 548.366/2 ES The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS ES 8803594/8 ES The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS ES
Patent no.: Countries applicable: Notes:	8903349 ES The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS
Patent no.: Countries applicable: Notes:	104676 FI The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS FR 8600440 FR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
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Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS GB 2174571 GB The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS GR 870966 GR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS GR 1000657 GR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS HK Mar-90 HK The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS IR 56780 IR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA SUBSCRIBER RF TELEPHONE SYSTEM FOR PROVIDING MULTIPLE SPEECH AND/OR DATA SIGNALS SIMULTANEOUSLY OVER EITHER A SINGLE OR A PLURALITY OF RF CHANNELS IL 76618 IL The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	3609395 DE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS KR 51 471 KR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS CN 11478 CN The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS (BRAZILIAN TITLE: SISTEMA DE COMUNICACAO E PROCESSO DE DESIGNAR RANHURAS OU PONTOS DE TEMP E CANAIS DE FREQUENCIA BR 8805901-4 BR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS (BELGIAN TITLE: DISPOSITIF ET PROCEDE POUR OBTENIR DE LA SOUPLESSE EN MATIERE DE FREQUENCE DANS DES SYSTEMES DE CO BE 8801283 BE The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	98691 FI The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS (FRENCH TITLE: DISPOSITIF ET PROCEDE POUR OBTENIR DE LA SOUPLESSE EN MATIERE DE FREQUENCE DANS DES SYSTEMES DE COM) FR 8814617 FR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN TIME DIVISION MULTIPLE ACCESS SYSTEMS GB 2224414 GB The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS (INDONESIAN TITLE: APARAT DAN METODA UNTUK MEMPEROLEH FREKWENSI KETANGKASAN DALAM SISTEM KOMUNIKASI DIGITAL) ID ID 0000713 ID The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS IL 88187 IL The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA A COMMUNICATION SYSTEMS FOR COMMUNICATING BETWEEN A CENTRAL OFFICE, BASE STATION AND A PLURALITY OF SUBSCRIBER STATIONS IN 178151 IN The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS IN 174 241 IN The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS (ITALIAN TITLE: SISTEMA DIGITALE DI COMUNICAZIONE E METODO, ATTI AD OTTENERE AGILITA'DI FREQUENZA) IT 1235150 IT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS CA 1 295 434 CA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

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Company name:	InterDigital Technology Corp.
Project:	GSM/TDMA
Title:	APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL
The:	
	COMMUNICATION SYSTEMS
Country of registration:	JP
Patent no.:	2899805
Countries applicable:	JP
Notes:	
Notes.	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	InterDigital Technology Corp.
Project:	GSM/TDMA
Title:	APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN
	COMMUNICATION SYSTEMS
Country of registration:	MY
Patent no.:	MY-101118A
Countries applicable:	MY
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Notes.	
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	InterDigital Technology Corp.
Project:	GSM/TĎMA
Title:	APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL
nue.	
	COMMUNICATION SYSTEMS
Country of registration:	
Patent no.:	590168
Countries applicable:	AU
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
	Temain ESSENTIAL.
	InterDigital Technology Com
Company name:	InterDigital Technology Corp.
Project:	GSM/TDMA
Title:	APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL
	COMMUNICATION SYSTEMS (PORTUGUESE TITLE: SISTEMA E PROCESSO DE
	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS
Country of registration	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS)
Country of registration:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT
Patent no.:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942
	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT
Patent no.:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942
Patent no.: Countries applicable:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT
Patent no.: Countries applicable:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Patent no.: Countries applicable:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
Patent no.: Countries applicable:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Patent no.: Countries applicable: Notes:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Patent no.: Countries applicable: Notes: Company name:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Patent no.: Countries applicable: Notes: Company name: Project:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. GSM/TDMA
Patent no.: Countries applicable: Notes: Company name:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL
Patent no.: Countries applicable: Notes: Company name: Project:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. GSM/TDMA
Patent no.: Countries applicable: Notes: Company name: Project: Title:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS NZ
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS NZ 226967
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS NZ 226967 NZ
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS NZ 226967 NZ The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS NZ 226967 NZ The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS NZ 226967 NZ The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	COMUNICACOES PARA A OBTENCAO DE UMA AGILIDADE DE FREQUENCIA NOS SISTEMAS) PT 88942 PT The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS NZ 226967 NZ The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with

Company name: Project: Title: Country of registration:	InterDigital Technology Corp. GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS (NORWEGIAN TITLE: ANORDNING OG FREMGANGSMATE FOR A OPPNA FREKVENSSMIDIGHET I DIGITALE KOMMUNIKASJONSSYSTEMER)
Patent no.:	176780
Countries applicable:	NO
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	InterDigital Technology Corp.
Project:	GSM/TDMA
Title:	APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS (SPANISH TITLE: SISTEMA TELEFONICO DIGITAL INALAMBRICO)
Country of registration:	
Patent no.:	8803332/5
Countries applicable:	ES
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	InterDigital Technology Corp.
Project: Title:	GSM/TDMA APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS (MEXICAN TITLE: APARATO Y METODO PARA OBTENER AGILIDAD DE FRECUENCIA EN SISTEMAS DE COMUNICACION DIGITALES)
Country of registration:	
Patent no.:	170,412
Countries applicable:	MX
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	InterDigital Technology Corp.
Project:	GSM/TDMA
Title:	APPARATUS AND METHOD FOR OBTAINING FREQUENCY AGILITY IN DIGITAL COMMUNICATION SYSTEMS (ARGENTINEAN TITLE: UNA DISPOSICION TELEFONICA DIGITAL INALAMBRICA)
Country of registration:	AR
Patent no.:	241,364
Countries applicable:	AR
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

HDSL

Company name:	Nokia
Project:	HDSL
Title:	Method For Connecting An HDSL Transmission Link To A SDH Network
Country of registration:	NZ
Application no.:	NZ 272163
Patent no.:	NZ 272163
ETSI Deliverable:	ETR 152, RTR/TM-06002
Company name:	Nokia
Project:	HDSL
Title:	Method For Connecting An HDSL Transmission Link To A SDH Network
Country of registration:	EPO
Application no.:	EP 95303476.6
Patent no.:	EP 683580
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
ETSI Deliverable:	ETR 152, RTR/TM-06002
Company name:	Nokia
Project:	HDSL
Title:	Method For Connecting An HDSL Transmission Link To A SDH Network
Country of registration:	FI
Application no.:	FI 942372
Patent no.:	FI 96080
ETSI Deliverable:	ETR 152, RTR/TM-06002
Company name:	Nokia
Project:	HDSL
Title:	Method For Connecting An HDSL Transmission Link To A SDH Network
Country of registration:	AU
Application no.:	AU 20202/95
Patent no.:	AU 9520202
ETSI Deliverable:	ETR 152, RTR/TM-06002

HIPERLAN

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable:	6-516756 JP ETS 300 652
Company name:	INRIA
Project:	HIPERLAN
Title:	Installation de Transmission de Données de Type Réseau Radio, et Procédé Correspondant
Country of registration:	EPO
Application no.:	94 905 162
ETSI Deliverable:	ETS 300 652
Company name:	INRIA
Project:	HIPERLAN
Title:	Installation de Transmission de Données de Type Réseau Radio, et Procédé Correspondant
Country of registration:	US
Application no.:	08/307,578
Countries applicable:	US
ETSI Deliverable:	ETS 300 652
Company name:	INRIA
Project:	HIPERLAN
Title:	Installation de Transmission de Données de Type Réseau Radio, et Procédé Correspondant
Country of registration:	FR
Application no.:	93 00750
Countries applicable:	FR
ETSI Deliverable:	ETS 300 652
Company name:	INRIA
Project:	HIPERLAN
Title:	Installation de Transmission de Données de Type Réseau Radio, et Procédé Correspondant
Country of registration:	CA
Application no.:	2 132 626
Countries applicable:	CA
ETSI Deliverable:	ETS 300 652
Company name:	INRIA
Project:	HIPERLAN
Title:	Installation de Transmission de Données de Type Réseau Radio, et Procédé Correspondant
Country of registration:	FR
Application no.:	95 09928
Countries applicable:	FR
ETSI Deliverable:	ETS 300 652
Company name:	INRIA
Project:	HIPERLAN
Title:	Installation de Type Réseau Radio de Transmission de Données, avec Routage
Country of registration:	FR
Application no.:	95 09928
Countries applicable:	FR
ETSI Deliverable:	ETS 300 652

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HIPERLAN 2

Company name:	Wi-Lan Inc.
Project:	HIPERLAN 2
Title:	Method & Apparatus for Multiple Access between Transceivers in Wireless Communications using OFDM Spread Spectrum
Country of registration:	CA
Application no.:	861,725
Patent no.:	5,282,222
Countries applicable:	US
ETSI Deliverable:	n/a
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

ISDN

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Project: Title: Country of registration: ETSI Deliverable: Notes:	Robert Bosch GmbH ISDN Verfahren zum Betreiben von Endgeräten eines digitalen Teilnehmeranschlusses DE DE 33 11 386 C2 DE ETS 300 012 Ericsson ISDN TC-relay mechanism feature n/a ETS 300 287 Ericsson is fully prepared to grant licenses to its rights in this/these patent(s) to the extent necessary in order to comply with said standard on fair, reasonable, and non-discriminatory terms, however, subject to conditions of reciprocity which are required to create fairness in a multi-standard environment.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB ISDN n/a 96938566 EPO This statement is made 16 September 1999 by Telia AB, a Member of ETSI. The SIGNATORY has notified ETSI that it is the proprietor of the IPRs listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL, or potentially ESSENTIAL, to the Standards listed in Annex 1. However, the SIGNATORY wishes to draw ETSI's attention to the fact that a positive determination of Essentiality cannot be made until a patent has been granted, pursuant to a patent application, and the STANDARD, to which the patent is believed to relate, has been adopted. The SIGNATORY also wishes it to be noted that he is under no obligation to carry out any IPR investigation, in respect of his own IPRs. The SIGNATORY does not warrant the accuracy, or completeness, of the information contained in Annex 1, and accepts no liability for any damage, or loss, resulting from reliance on this information. The SIGNATORY hereby declares that it will grant non-exclusive, irrevocable licences under the patents and/or patent applications listed in Annex 1, to the extent that, and so long as, they are ESSENTIAL to the STANDARD. Such licences will be on terms and conditions which are in accordance with Clause 6.1 of the ETSI Interim IPR Policy. As permitted by Claude 6.1 of the ETSI Interim IPR Policy, any licence granted, by the SIGNATORY, will be subject to the conditions that those who seek licences shall reciprocate.
Company name: Project: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	Telia AB ISDN n/a 973109 Pending NO This statement is made 16 September 1999 by Telia AB, a Member of ETSI. The SIGNATORY has notified ETSI that it is the proprietor of the IPRs listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL, or potentially ESSENTIAL, to the Standards listed in Annex 1. However, the SIGNATORY wishes to draw ETSI's attention to the fact that a positive determination of Essentiality cannot be made until a patent has been granted, pursuant to a patent application, and the STANDARD, to which the patent is believed to relate, has been adopted. The SIGNATORY also wishes it to be noted that he is under no obligation to carry out any IPR investigation, in respect of his own IPRs. The SIGNATORY does not warrant the accuracy, or completeness, of the information contained in Annex 1, and accepts no liability for any damage, or loss, resulting from reliance on this information. The SIGNATORY hereby declares that it will grant non-exclusive, irrevocable licences under the patents and/or patent applications listed in Annex 1, to the extent that, and so long as, they are ESSENTIAL to the STANDARD. Such licences will be on terms and conditions which are in accordance with Clause 6.1 of the ETSI Interim IPR Policy. As permitted by Claude 6.1 of the ETSI Interim IPR Policy, any licence granted, by the SIGNATORY, will be subject to the conditions that those who seek licences shall reciprocate.

Company name:	Telia AB
Project:	ISDN
Country of registration:	n/a
Application no.:	08/860,467
Patent no.:	Pending
Countries applicable:	US
Notes:	This statement is made 16 September 1999 by Telia AB, a Member of ETSI. The SIGNATORY has notified ETSI that it is the proprietor of the IPRs listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL, or potentially ESSENTIAL, to the Standards listed in Annex 1. However, the SIGNATORY wishes to draw ETSI's attention to the fact that a positive determination of Essentiality cannot be made until a patent has been granted, pursuant to a patent application, and the STANDARD, to which the patent is believed to relate, has been adopted. The SIGNATORY also wishes it to be noted that he is under no obligation to carry out any IPR investigation, in respect of his own IPRs. The SIGNATORY does not warrant the accuracy, or completeness, of the information contained in Annex 1, and accepts no liability for any damage, or loss, resulting from reliance on this information. The SIGNATORY hereby declares that it will grant non-exclusive, irrevocable licences under the patents and/or patent applications listed in Annex 1, to the extent that, and so long as, they are ESSENTIAL to the STANDARD. Such licences will be on terms and conditions which are in accordance with Clause 6.1 of the ETSI Interim IPR Policy. As permitted by Claude 6.1 of the ETSI Interim IPR Policy, any licence granted, by the SIGNATORY, will be subject to the conditions that those who seek licences shall reciprocate.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Telia AB ISDN n/a 504 405 SE This statement is made 16 September 1999 by Telia AB, a Member of ETSI. The SIGNATORY has notified ETSI that it is the proprietor of the IPRs listed in Annex 1 (the IPRs) and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL, or potentially ESSENTIAL, to the Standards listed in Annex 1. However, the SIGNATORY wishes to draw ETSI's attention to the fact that a positive determination of Essentiality cannot be made until a patent has been granted, pursuant to a patent application, and the STANDARD, to which the patent is believed to relate, has been adopted. The SIGNATORY also wishes it to be noted that he is under no obligation to carry out any IPR investigation, in respect of his own IPRs. The SIGNATORY does not warrant the accuracy, or completeness, of the information contained in Annex 1, and accepts no liability for any damage, or loss, resulting from reliance on this information. The SIGNATORY hereby declares that it will grant non-exclusive, irrevocable licences under the patents and/or patent applications listed in Annex 1, to the extent that, and so long as, they are ESSENTIAL to the STANDARD. Such licences will be on terms and conditions which are in accordance with Clause 6.1 of the ETSI Interim IPR Policy. As permitted by Claude 6.1 of the ETSI Interim IPR Policy, any licence granted, by the SIGNATORY, will be subject to the conditions that those who seek licences shall reciprocate.
Company name: Project: Title:	Robert Bosch GmbH ISDN Verfahren und Schaltungsanordnung zum Betreiben von Endgeräten eines digitalen Teilnehmeranschlusses
Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	

Company name:	KPN
Project:	ISDN
Country of registration:	n/a
Patent no.:	WO98/49819
ETSI Deliverable:	ETS 300 287
Notes:	Royal KPN N.V. herewith notifies ETSI that it is the (co)proprietor of the International patent application WO98/49819 and corresponding patents, both pending and granted, and that it informs ETSI that it believes that these IPR's maybe essential to the standard ETS 300 287, corresponding to ITU Q.730. According to an agreement between KPN, Telia and Ericsson, each of the parties is entitled to make licenses available for standardisation puroposes in ITU and corresponding standards in ETSI. Royal KPN N.V. and/or its affiliates hereby declare that they are prepared to grant irrevocable licenses under the IPR's on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the indicated standard, to the extent that the IPR remains essential.

Lawful Interception

Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Ericsson Lawful Interception Telephone call monitoring by law enforcement agency assigning identification numbers for telephone calls and notifying law agency if any party to call is identified as requiring monitoring SE WO 98/52 337 US-5930698 US ES 201 158 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. The signatory undertakes in accordance with clause 6.1 only to grant licenses subject to reciprocity.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Alcatel Lawful Interception Procédé et équipement d'interception de communication téléphonique FR 98402659.1 AT, BE, DE, IT, ES, SE, GB 201 671 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Alcatel Lawful Interception Procédé et équipement d'interception de communication téléphonique FR 98402659.1 AT, BE, DE, IT, ES, SE, GB ES 201 671 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

PLI

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	ITRAN Communications Ltd. PLT Media access control with echo based collision detection and resolution US 09/721,584 US Work Item no. DTS/PLT 00005 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	ITRAN Communications Ltd. PLT Media access control utilizing synchronization signaling US 09/679,330 US Work Item no. DTS/PLT 00005 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	ITRAN Communications Ltd. PLT Media access control utilizing synchronization signaling US 09/679,330 US Work Item no. DES/PLT 00005a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	ITRAN Communications Ltd. PLT Distributed synchronization mechanism for shared communications media based networks US To be completed US Work Item no. DES/PLT 00005a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	ITRAN Communications Ltd. PLT Distributed synchronization mechanism for shared communications media based networks US To be completed US Work Item no. DTS/PLT 00005 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	ITRAN Communications Ltd.
Project:	PLT
Title:	Media access control with echo based collision detection and resolution
Country of registration:	US
Application no.:	09/721,584
Countries applicable:	US
ETSI Deliverable:	Work Item no. DES/PLT 00005a
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

PSTN

Company name:	AT&T
Project:	PSTN
Title:	Transmission During Ringing
Country of registration:	
Patent no.:	4,582,956
Countries applicable:	US
ETSI Deliverable:	ETS 300 659-1
ETO Deliverable.	E18 500 033-1
Company name:	AT&T
Project:	PSTN
Title:	Transmission During Ringing
Country of registration:	
Patent no.:	1,225,726
Countries applicable:	CA
ETSI Deliverable:	ETS 300 659-1
Company name:	Nortel Northern Telecom Ltd.
Project:	PSTN
Country of registration:	
Patent no.:	GB 2 2588 119 B
Countries applicable:	GB
ETSI Deliverable:	ETS 300 659-2
Company name:	AT&T
Project:	PSTN
Title:	Transmission During Ringing
Country of registration:	FR
Patent no.:	0,150,181
Countries applicable:	FR
ETSI Deliverable:	ETS 300 659-1
Company name:	AT&T
Company name: Project:	
Project:	PSTN
Project: Title:	PSTN Transmission During Ringing
Project: Title: Country of registration:	PSTN Transmission During Ringing GB
Project: Title: Country of registration: Patent no.:	PSTN Transmission During Ringing GB 0,150,181
Project: Title: Country of registration: Patent no.: Countries applicable:	PSTN Transmission During Ringing GB 0,150,181 GB
Project: Title: Country of registration: Patent no.:	PSTN Transmission During Ringing GB 0,150,181
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616 JP
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: ETSI Deliverable:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616 JP ETS 300 659-1
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Title: Countries applicable: ETSI Deliverable: ETSI Deliverable:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616 JP ETS 300 659-1 AT&T
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616 JP ETS 300 659-1 AT&T PSTN
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616 JP ETS 300 659-1 AT&T PSTN Transmission During Ringing
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616 JP ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616 JP ETS 300 659-1
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616 JP ETS 300 659-1 AT&T PSTN Transmission During Ringing NL 0,150,181
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Company name: Project: Title: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.: Countries applicable:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616 JP ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616 JP ETS 300 659-1 AT&T PSTN Transmission During Ringing NL 0,150,181 NL
Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Countries applicable: ETSI Deliverable: Countries applicable: ETSI Deliverable: Company name: Project: Title: Country of registration: Project: Title: Country of registration: Patent no.:	PSTN Transmission During Ringing GB 0,150,181 GB ETS 300 659-1 AT&T PSTN Transmission During Ringing BE 0,150,181 BE ETS 300 659-1 AT&T PSTN Transmission During Ringing JP 1,832,616 JP ETS 300 659-1 AT&T PSTN Transmission During Ringing NL 0,150,181

Company name:	AT&T
Project:	PSTN
Title:	Transmission During Ringing
Country of registration:	SE
Patent no.:	0,150,181
Countries applicable:	SE
ETSI Deliverable:	ETS 300 659-1
Company name:	AT&T
Project:	PSTN
Title:	Transmission During Ringing
Country of registration:	DE
Patent no.:	3,376,377
Countries applicable:	DE
ETSI Deliverable:	ETS 300 659-1
Company name:	AT&T
Project:	PSTN
Title:	Transmission During Ringing
Country of registration:	EPO
Patent no.:	WO 85/00488
Countries applicable:	AT, AU, BE, BR, CH, DE, DK, FI, FR, GB, JP, LU, NL, NO, SE, US
ETSI Deliverable:	ETS 300 659-1

RES

Company name:	BT
Project:	RES
Country of registration:	PCT
Application no.:	PCT/GB 92/02102
Patent no.:	Published WO93/10623
Countries applicable:	DE, DK, ES, FR, GB, GR, IE, IT, NL, SE

SDH

Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Siemens SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy NO 905114 302269 NO EN 300 417-9-1 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that it is their belief that this IPR is, or is likely to become essential in relation to this standard. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	02-320576 2044162 JP EN 300 417-9-1 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that it is their belief that this IPR is, or is likely to become essential in relation to this standard. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Siemens SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy CN 90109646.6 16447 CN EN 300 417-9-1 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that it is their belief that this IPR is, or is likely to become essential in relation to this standard. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Siemens SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy CA 2030954 2030954 CA EN 300 417-9-1 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that it is their belief that this IPR is, or is likely to become essential in relation to this standard. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Siemens SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy RU 4831743/09 2095942 RU EN 300 417-9-1 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that it is their belief that this IPR is, or is likely to become essential in relation to this standard. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Siemens SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy AU 67064/90 620744 AU EN 300 417-9-1 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that it is their belief that this IPR is, or is likely to become essential in relation to this standard. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Siemens SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy YU P-1978/90 YU EN 300 417-9-1 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that it is their belief that this IPR is, or is likely to become essential in relation to this standard. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Siemens SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy DE 90121127.6 0 429 888 B1 CH, DE, FR, GB, IT, US, AU, CA, CN, JP, NO, RU, UA, YU EN 300 417-9-1 V1.1.1 The SIGNATORY and/or its AFFILIATES hereby declare that it is their belief that this IPR is, or is likely to become essential in relation to this standard. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project:	Siemens SDH
Title:	A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy
Country of registration: Application no.:	07/691,676
Patent no.:	5168494
Countries applicable: ETSI Deliverable:	US EN 300 417-9-1 V1.1.1
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that it is their belief that this IPR is, or is likely to become essential in relation to this standard. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Siemens
Company name: Project:	Siemens SDH
Project:	SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy
Project: Title:	SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy
Project: Title: Country of registration: Application no.: Patent no.:	SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy UA 93003414 26436
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy UA 93003414 26436 UA
Project: Title: Country of registration: Application no.: Patent no.:	SDH A method for transmission of a digital braodband signal in a tributary unit concatenation via a network of the synchronous digital multiplex hierarchy UA 93003414 26436

Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Siemens SDSL n/a DE n/a n/a TS 101 524-2 Siemens Aktiengesellschaft hereby declare that they are aware of the rules according to the inclusion of patented issues in ETSI Standards, and that they are not prepared to waive their rights but would be willing to negociate licenses with other parties on a non-discriminatory basis on reasonable terms that are demonstrably free of any unfair competition. Such licenses provide that a grant under any licensee's patent rights within the scope of the license granted to the licensee is made available to Siemens Aktiengesellschaft and its subsidiaries on request.
Company name: Project:	Siemens
Project:	SDSL
Country of registration: Notes:	Siemens Aktiengesellschaft hereby declares that in the event it has existing patents or may in the future obtain patents which are necessary to manufacture, use, and sell implementations of the "SDSL" standard it is prepared to license these patents. Siemens Aktiengesellschaft hereby also declares that it is aware of the rules governing inclusion of patented items in international standards, as currently described by the ETSI IPR Policy, and in particular that it is willing to grant a license to an unlimited number of applicants throughout the world under reasonable terms and conditions that are demonstrably free of any unfair competition. Such license granted to the licensee is made available by Siemens Aktiengesellschaft and its subsidiaries on request.
Company name:	Tioga Technologies Ltd.
Project:	SDSL
Title:	n/a
Country of registration:	
Application no.:	n/a
Countries applicable:	US
ETSI Deliverable:	
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Siemens
Project:	SDSL
Title:	n/a
Country of registration:	DE
Application no.: Patent no.:	n/a n/a
ETSI Deliverable:	TS 101 524
Notes:	Siemens Aktiengesellschaft hereby declare that they are aware of the rules according to the
	inclusion of patented issues in ETSI Standards, and that they are not prepared to waive their rights but would be willing to negociate licenses with other parties on a non-discriminatory basis on reasonable terms that are demonstrably free of any unfair competition. Such licenses provide that a grant under any licensee's patent rights within the scope of the license granted to the licensee is made available to Siemens Aktiengesellschaft and its subsidiaries on request.

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Company name:	Siemens
Project:	SDSL
Title:	n/a
Country of registration:	DE
Application no.:	n/a
Patent no.:	n/a
ETSI Deliverable:	TS 101 524-1
Notes:	Siemens Aktiengesellschaft hereby declare that they are aware of the rules according to the inclusion of patented issues in ETSI Standards, and that they are not prepared to waive their rights but would be willing to negociate licenses with other parties on a non-discriminatory basis on reasonable terms that are demonstrably free of any unfair competition. Such licenses provide that a grant under any licensee's patent rights within the scope of the license granted to the licensee is made available to Siemens Aktiengesellschaft and its subsidiaries on request.

STAG

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	KPN STAG Monitoring Method and Monitoring System n/a EP 823187 NL, US Royal KPN N.V. undertakes that it is prepared to grant irrevocable licenses on fair reasonable and non-discriminatory terms and conditions under its hereinafter mentioned patents and applications therefore, as far as they are declared to be essential for implementation of the standard pursuant to the ETSI Rules of Procedure. Patent number EP 823187 is granted in the Netherlands and the USA, pending in other territories.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	KPN STAG Monitoring Method and Monitoring System n/a WO 96/34506 NL, US Royal KPN N.V. undertakes that it is prepared to grant irrevocable licenses on fair reasonable and non-discriminatory terms and conditions under its hereinafter mentioned patents and applications therefore, as far as they are declared to be essential for implementation of the standard pursuant to the ETSI Rules of Procedure. Patent number WO 96/34506 is granted in the Netherlands and the USA, pending in other territories.

Television systems

Company name: Project:	Philips Television systems
Country of registration:	EPO
Patent no.:	EP-A 0 538 466
ETSI Deliverable:	ETS 300 732

TETRA

Company name:	Motorola
Project:	TETRA
Title:	Packet-Switched Cellular Telephone System
Country of registration:	
Application no.:	89101118.1
Countries applicable:	AT, BE, FR, DE, GB, GR, IT, LI, LU, NL, ES, SE, CH
oountries appreable.	AT, DE, TR, DE, OD, OR, T, E, EO, NE, EO, OE, OT
Company pama:	Alcatel
Company name:	TETRA
Project:	
Title:	Time Slot Steeling in a multiplexed Radio System
Country of registration:	
Application no.:	93 105 67
Patent no.:	2 709 893
Countries applicable:	FR
Notes:	Part 2: Air interface
Company name:	Motorola
Project:	TETRA
Title:	Radio System
Country of registration:	
Application no.:	93922524.9
Countries applicable:	AT, DK, DE, GB, ES, SE
	, , , , , , , , , , , , , , , , , , ,
Company name:	Motorola
Project:	TETRA
Title:	Radio System
Country of registration:	
Application no.:	943189
Countries applicable:	FI
Company name:	Metaola
	Motorola
Project:	TETRA
Project: Title:	TETRA Radio System
Project: Title: Country of registration:	TETRA Radio System HU
Project: Title: Country of registration: Application no.:	TETRA Radio System HU P9401972
Project: Title: Country of registration:	TETRA Radio System HU
Project: Title: Country of registration: Application no.: Countries applicable:	TETRA Radio System HU P9401972 HU
Project: Title: Country of registration: Application no.: Countries applicable: Company name:	TETRA Radio System HU P9401972 HU Motorola
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project:	TETRA Radio System HU P9401972 HU Motorola TETRA
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Company name: Project: Title:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Company name: Project: Title: Country of registration:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO Motorola TETRA Radio System PL
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Company name: Project: Title: Country of registration: Application no.:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO Motorola TETRA Radio System PL P-304341
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Company name: Project: Title: Country of registration:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO Motorola TETRA Radio System PL
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Countries applicable:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO Motorola TETRA Radio System PL P-304341 PL
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Countries applicable: Countries applicable:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO Motorola TETRA Radio System PL P-304341 PL
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.: Countries applicable: Company name: Project:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO Motorola TETRA Radio System PL P-304341 PL
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO Motorola TETRA Radio System PL P-304341 PL
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Countries applicable:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO Motorola TETRA Radio System PL P-304341 PL Motorola TETRA TETRA Radio System PL P-304341 PL
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO Motorola TETRA Radio System PL P-304341 PL Motorola TETRA Radio System PL P-304341 PL
Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Countries applicable:	TETRA Radio System HU P9401972 HU Motorola TETRA Radio System RO 94-01115 RO Motorola TETRA Radio System PL P-304341 PL Motorola TETRA TETRA Radio System PL P-304341 PL

Company name:	
	Marconi Communications Ltd.
Project:	TETRA
Title:	A Communication System
Country of registration:	DE
Application no.:	87307453.8
Patent no.:	P.3787787.9
Countries applicable:	DE
Notes:	Marconi Communications undertakes to grant irrevocable licences on terms and conditions
10100.	which are in accordance with Clause 6.1 of the ETSI IPR Policy.
	which are in accordance with clause 6.1 of the ETSTIFK Folicy.
Company name:	Alcatel
	TETRA
Project:	
Title:	Power Control for Radio Access
Country of registration:	JP
Application no.:	94-38813
Patent no.:	07007469
Countries applicable:	JP
Notes:	Part 2: Air interface
Hotoo.	
Company name:	Alcatel
Project:	TETRA
Title:	Dummy Burst Structure
Country of registration:	US
Application no.:	94-313798
Patent no.:	
	5,583,870
Countries applicable:	US
Notes:	Part 2: Air interface
2	
Company name:	Alcatel
Project:	TETRA
Title:	Method for forming Groups of Communication Terminals
Country of registration:	
Application no.:	EP 94 200 739
Patent no.:	EP 0 675 660
Countries applicable:	AT, BE, FR, DE, IT, NL, ES, SE, CH, GB
Company name:	Alcatel
Company name:	
Project:	TETRA
Project: Title:	TETRA Method for forming Groups of Communication Terminals
Project: Title:	TETRA Method for forming Groups of Communication Terminals
Project: Title: Country of registration:	TETRA Method for forming Groups of Communication Terminals US
Project: Title: Country of registration: Application no.:	TETRA Method for forming Groups of Communication Terminals US 408628
Project: Title: Country of registration: Application no.: Patent no.:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886
Project: Title: Country of registration: Application no.:	TETRA Method for forming Groups of Communication Terminals US 408628
Project: Title: Country of registration: Application no.: Patent no.:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd.
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager).
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes: Company name:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager). Marconi Communications Ltd.
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes: Company name: Project: Company name: Project:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager). Marconi Communications Ltd. TETRA
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes: Company name:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager). Marconi Communications Ltd.
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes: Company name: Project: Title:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager). Marconi Communications Ltd. TETRA Data Transmission System
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager). Marconi Communications Ltd. TETRA Data Transmission System GB
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager). Marconi Communications Ltd. TETRA Data Transmission System GB 8428154
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager). Marconi Communications Ltd. TETRA Data Transmission System GB 8428154 2166929
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager). Marconi Communications Ltd. TETRA Data Transmission System GB 8428154
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager). Marconi Communications Ltd. TETRA Data Transmission System GB 8428154 2166929 GB
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager). Marconi Communications Ltd. TETRA Data Transmission System GB 8428154 2166929 GB Marconi Communications undertakes to grant irrevocable licences on terms and conditions
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Country of registration: Patent no.: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	TETRA Method for forming Groups of Communication Terminals US 408628 5,625,886 US Part 2: Air interface Marconi Communications Ltd. TETRA n/a GB 2 177 873 Patents essential to the TETRA Standard: I am writing to notify you, on behalf of Marconi Communications Limited, of patent GB 2 177 873 which is considered essential to the above standard. (Signatory: Roger K. Tolfree, Manager). Marconi Communications Ltd. TETRA Data Transmission System GB 8428154 2166929 GB

Company name:	Alcatel
Project:	TETRA
Title:	Dummy Burst Structure
Country of registration:	CA
Application no.:	94-2133139
Patent no.:	2133139
Countries applicable:	CA
Notes:	Part 2: Air interface
10100.	
Company name:	Marconi Communications Ltd.
Project:	TETRA
Title:	A Communication System
Country of registration:	
Application no.:	8628497
Patent no.:	2198013
Countries applicable:	GB
Notes:	Marconi Communications undertakes to grant irrevocable licences on terms and conditions
	which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Company name:	Alcatel
Project:	TETRA
Title:	
	Dummy Burst Structure
Country of registration:	AU
Application no.:	94-74213
Patent no.:	9474213
Countries applicable:	AU
Notes:	Part 2: Air interface
Compony nome	Moreoni Communications Ltd
Company name:	Marconi Communications Ltd.
Project:	TETRA
Title:	A Communication System
Country of registration:	
Application no.:	87307453.8
	0269202
Patent no.:	0269202 FR
Patent no.: Countries applicable:	FR
Patent no.:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions
Patent no.: Countries applicable:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions
Patent no.: Countries applicable:	FR
Patent no.: Countries applicable: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Patent no.: Countries applicable: Notes: Company name:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd.
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Patent no.: Countries applicable: Notes: Company name: Project:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA
Patent no.: Countries applicable: Notes: Company name: Project: Title:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT
Patent no.: Countries applicable: Notes: Company name: Project: Title:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System
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Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd.
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd.
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Country of registration: Application no.: Patent no.: Countries applicable:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Country of registration: Application no.: Patent no.: Countries applicable:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Country of registration: Application no.: Patent no.: Countries applicable:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Countries applicable: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Countries applicable: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Countries applicable: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Company name: Project: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Project: Title: Country of registration: Application no.: Patent no.:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Project: Title: Country of registration: Application no.: Patent no.:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA Signal Strength Measurement GB 8915399.3 2234354 GB
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA Signal Strength Measurement GB 8915399.3 2234354 GB Marconi Communications undertakes to grant irrevocable licences on terms and conditions
Patent no.: Countries applicable: Notes: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes:	FR Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System IT 70146/BE/93 0269202 IT Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA A Communication System US 125469 4866709 US Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Marconi Communications Ltd. TETRA Signal Strength Measurement GB 8915399.3 2234354 GB

Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	9005197.0 2241850 GB Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy. Thomson-CSF TETRA Dynamic Codebook for Efficient Speech Coding Based on Algebraic Codes
Company name: Project: Title: Country of registration: Application no.: Notes:	Thomson-CSF TETRA Dynamic Codebook for Efficient Speech Coding Based on Algebraic Codes PCT PCT/CA90/00381 This patent is owned by the University of Sherbrooke who has given a licence to Thomson to grant sublicences
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	Marconi Communications Ltd. TETRA Communication Systems and Stations for such a System GB 8723162 2195870 GB Marconi Communications undertakes to grant irrevocable licences on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title:	Alcatel TETRA Power Control for Radio Access FI 94-1066 9401066 FI Part 2: Air interface Motorola TETRA Radio System
Country of registration: Patent no.: Company name: Project:	28221 Motorola TETRA
Title: Country of registration: Patent no.: Countries applicable:	EP 0 210 181 AT, BE, FR, GB, DE, IT, NL, SE, CH
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	Motorola TETRA Selective System Scan for Multizone Radiotelephone Subscriber Units EPO EP 0 352 786 AT, BE, FR, DE, GB, GR, IE, IT, LU, NL, ES, SE, CH

Company name:	Motorola
Project:	TETRA
Title:	A method of operating a Radio Transmission or Communication System Including a Central
	Station and a Plurality of Individual Rem
Country of registration:	
Patent no.:	EP 0 269 643
Countries applicable:	AT, BE, DK, DE, FR, GB, IT, NL, SE, CH
Company name:	Motorola
Project:	TETRA
Title:	Communications Apparatus
Country of registration:	GB
Application no.:	GB9119186.6
Countries applicable:	GB
Company name:	Alcatel
Project:	TETRA
Title:	Power Control for Radio Access
Country of registration:	FR
Application no.:	93 02 701
Patent no.:	2 702 614
Countries applicable:	FR
Notes:	Part 2: Air interface
Company name	Alastal
Company name:	Alcatel TETRA
Project:	
Title:	Dummy Burst Structure
Country of registration:	
Application no.:	235504/94
Patent no.:	170580/95
Countries applicable: Notes:	JP Part 2: Air interface
NOLES.	Fait 2. All Interface
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Company name:	Alcatel
Company name: Proiect:	Alcatel TETRA
Company name: Project: Title:	
Project: Title:	TETRA Power Control for Radio Access
Project: Title: Country of registration:	TETRA Power Control for Radio Access AU
Project: Title:	TETRA Power Control for Radio Access AU 94-57661
Project: Title: Country of registration: Application no.: Patent no.:	TETRA Power Control for Radio Access AU
Project: Title: Country of registration: Application no.:	TETRA Power Control for Radio Access AU 94-57661 9457661
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU
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Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Countries applicable:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Countries applicable: Company name: Project:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU
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Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Country of registration: Application no.:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU Alcatel TETRA Power Control for Radio Access US 94-207687
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU Alcatel TETRA Power Control for Radio Access US 94-207687 5,564,075
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU Alcatel TETRA Power Control for Radio Access US 94-207687 5,564,075 US
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU Alcatel TETRA Power Control for Radio Access US 94-207687 5,564,075
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Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU Alcatel TETRA Power Control for Radio Access US 94-207687 5,564,075 US Part 2: Air interface
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU Alcatel TETRA Power Control for Radio Access US 94-207687 5,564,075 US Part 2: Air interface Alcatel TETRA
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU Alcatel TETRA Power Control for Radio Access US 94-207687 5,564,075 US Part 2: Air interface Alcatel TETRA Time Slot Steeling in a multiplexed Radio System
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Company name: Project: Title: Country of registration: Country of reg	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU Alcatel TETRA Power Control for Radio Access US 94-207687 5,564,075 US Part 2: Air interface Alcatel TETRA Time Slot Steeling in a multiplexed Radio System
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU Alcatel TETRA Power Control for Radio Access US 94-207687 5,564,075 US Part 2: Air interface Alcatel TETRA Time Slot Steeling in a multiplexed Radio System EPO
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU Alcatel TETRA Power Control for Radio Access US 94-207687 5,564,075 US Part 2: Air interface Alcatel TETRA Power Control for Radio Access US 94-207687 5,564,075 US Part 2: Air interface Alcatel TETRA Time Slot Steeling in a multiplexed Radio System EPO EP 94 401 946
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes: Company name: Project: Title: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Patent no.: Patent no.: Patent no.:	TETRA Power Control for Radio Access AU 94-57661 9457661 AU Part 2: Air interface Motorola TETRA Radio System RU 94035751.0 RU Alcatel TETRA Power Control for Radio Access US 94-207687 5,564,075 US Part 2: Air interface Alcatel TETRA Time Slot Steeling in a multiplexed Radio System EPO EP 94 401 946 EP 0 642 285

Company name:	Alcatel
Project:	TETRA
Title:	Time Slot Steeling in a multiplexed Radio System
Country of registration:	FI
Application no.:	94-4038
Patent no.:	9404038
Countries applicable:	FI
Notes:	Part 2: Air interface
Company name:	Alcatel
Project:	TETRA
Title:	Time Slot Steeling in a multiplexed Radio System
Country of registration:	JP
Application no.:	213006/94
Patent no.:	254879/95
Countries applicable:	JP
Notes:	Part 2: Air interface
Company name:	Alcatel
Project:	TETRA
Title:	Time Slot Steeling in a multiplexed Radio System
Country of registration:	US
Application no.:	299 654
Patent no.:	5,511,072
Countries applicable:	US
Notes:	Part 2: Air interface
Company name:	Alcatel
Project:	TETRA
Title:	Dummy Burst Structure
Country of registration:	FR
Application no.:	93 11 572
Patent no.:	2710805
Countries applicable:	FR
Notes:	Part 2: Air interface
Company name:	Alcatel
Project:	TETRA
Title:	Dummy Burst Structure
Country of registration:	EPO
Application no.:	EP 94 402 160
Patent no.:	EP 0 645 903
Countries applicable:	AT, BE, DK, FR, DE, IT, NL, ES, SE, CH, GB
Notes:	Part 2: Air interface
Company name:	Alcatel
Project:	TETRA
Title:	Power Control for Radio Access
Country of registration:	EPO
Application no.:	EP 94 400 502
Patent no.:	EP 0 615 353
Countries applicable:	BE, FR, DE, IT, NL, ES, SE, GB
Notes:	Part 2: Air interface
Company name:	Nokia
Project:	TETRA
Title:	Method For Establishing Connection Between Communication Devices
Country of registration:	AU
Application no.:	AU 54673/94
Patent no.:	AU 674362

Company name: Project: Title: Country of registration: Application no.: Patent no.:	Nokia TETRA Method, Mobile Exchange And Subscriber Station In A Mobile Radio System For Establishing A High-Priority Call FI FI 933576 FI 95428
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Nokia TETRA Method, Mobile Exchange And Subscriber Station In A Mobile Radio System For Establishing A High-Priority Call PCT PCT/FI94/00348 WO 9505721
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	Nokia TETRA Method, Mobile Exchange And Subscriber Station In A Mobile Radio System For Establishing A High-Priority Call EPO EP 94924311.7 EP 664069 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
Company name:	Nokia
Project:	TETRA
Title:	Radio System
Country of registration:	EPO
Application no.:	EP 94900833.8
Patent no.:	EP 671097
Countries applicable:	AT, BE, CH, LI, DE, FR, GB, IT, NL, SE
Company name:	Nokia
Project:	TETRA
Title:	Radio System
Country of registration:	JP
Application no.:	JP 6-512808
Patent no.:	JP 8503587
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Nokia TETRA Method, Mobile Exchange And Subscriber Station In A Mobile Radio System For Establishing A High-Priority Call JP JP 7-506774 JP 8502639
Company name:	Nokia
Project:	TETRA
Title:	Method For Establishing Connection Between Communication Devices
Country of registration:	FI
Application no.:	FI 925236
Patent no.:	FI 96156
Company name:	Nokia
Project:	TETRA
Title:	Method For Establishing Connection Between Communication Devices
Country of registration:	PCT
Application no.:	PCT/FI93/00486
Patent no.:	WO 9411997

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Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola TETRA Digital Speech Coder Having Improved Long Term Lag Parameter Determination GB EP0415163 BE, CH, DE, FR, GB, IT, LI, NL ETS 300 395-2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia
Project:	TETRA
Title:	Method For Establishing Connection Between Communication Devices
Country of registration:	JP
Application no.:	JP 6-511767
Patent no.:	JP 8503112
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Nokia TETRA Method, Mobile Exchange And Subscriber Station In A Mobile Radio System For Establishing A High-Priority Call US US 08/416, 731 US 5634197
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Nokia TETRA Method, Mobile Exchange And Subscriber Station In A Mobile Radio System For Establishing A High-Priority Call AU AU 74615/94 AU 674781
Company name: Project: Title: Country of registration: Application no.: Patent no.:	Nokia TETRA Method, Mobile Exchange And Subscriber Station In A Mobile Radio System For Establishing A High-Priority Call CN CN 94190593.4 CN 1113406
Company name:	Nokia
Project:	TETRA
Title:	Method For Realising A Group Call In A Digital Radio Network
Country of registration:	PCT
Application no.:	PCT/FI92/00248
Patent no.:	WO 9307723
Company name:	Nokia
Project:	TETRA
Title:	Method For Realising A Group Call In A Digital Radio Network
Country of registration:	EPO
Application no.:	EP 92919957.8
Patent no.:	EP 606282
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
Company name:	Nokia
Project:	TETRA
Title:	Method For Realising A Group Call In A Digital Radio Network
Country of registration:	AU
Application no.:	AU 25722/92
Patent no.:	AU 665573

Company name: Project: Title: Country of registration: Application no.: Notes:	Thomson-CSF TETRA Dynamic Codebook for Efficient Speech Coding Based on Algebraic Codes EPO 909159568 This patent is owned by the University of Sherbrooke who has given a licence to Thomson to grant sublicences
Company name:	Nokia
Project:	TETRA
Title:	Method For Establishing Connection Between Communication Devices
Country of registration:	US
Application no.:	US 08/436, 185
Patent no.:	US 5633913
Company name:	Nokia
Project:	TETRA
Title:	Method For Realising A Group Call In A Digital Radio Network
Country of registration:	US
Application no.:	US 08/211459
Patent no.:	US 5594948
Company name:	Nokia
Project:	TETRA
Title:	Method For Establishing Connection Between Communication Devices
Country of registration:	EPO
Application no.:	EP 94900171.3
Patent no.:	EP 670097
Countries applicable:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
Company name:	Nokia
Project:	TETRA
Title:	Call Control In A Digital TDMA Radio System
Country of registration:	JP
Application no.:	JP 6-515724
Patent no.:	JP 7504793
Company name:	Thomson-CSF
Project:	TETRA
Title:	Procédés et Dispositif de Transmission Numérique de Signaux Vocaux par Voie Radio
Country of registration:	FR
Application no.:	86/17877
Countries applicable:	FR
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola TETRA Digital Speech Coder Having Improved Sub-Sample Resolution Long-Term Predictor GB EP0450064 AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE ETS 300 395-2 The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia
Project:	TETRA
Title:	Method For Realising A Group Call In A Digital Radio Network
Country of registration:	FI
Application no.:	FI 914656
Patent no.:	FI 88986

Company name:	Thomson-CSF
Project:	TETRA
Title:	Procédés et Dispositif de Transmission Numérique de Signaux Vocaux par Voie Radio
Country of registration:	
Patent no.:	87/4028541
Company name:	Alcatel
Project:	TETRA
Title:	Procédé et dispositif d'entrelacement d'une séquence d'éléments de données
Country of registration:	FR
Patent no.:	EP 0 627 821
Countries applicable:	BE, FR, DE, IT, LU, NL, PT, ES, SE, CH, GB
ETSI Deliverable:	ETS 300 392-2
Notes:	The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable
	licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of
	the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential.
	the ETSTIFK Policy, in respect of the standard, to the extent that the FKS remain essential.
Company name:	Nokia
Project:	TETRA
Title:	Call Control In A Digital TDMA Radio System
Country of registration:	
Application no.:	FI 930096
Patent no.:	FI 92274
Company name:	Thomson-CSF
Project:	TETRA
Title:	
	Dynamic Codebook for Efficient Speech Coding Based on Algebraic Codes
Country of registration:	US
Application no.:	927 528
Countries applicable:	US
Notes:	This patent is owned by the University of Sherbrooke who has given a licence to Thomson to
Notes.	
	grant sublicences
Company name:	Nokia
Project:	TETRA
Project: Title:	TETRA Call Control In A Digital TDMA Radio System
Project: Title: Country of registration:	TETRA Call Control In A Digital TDMA Radio System EPO
Project: Title: Country of registration: Application no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5
Project: Title: Country of registration:	TETRA Call Control In A Digital TDMA Radio System EPO
Project: Title: Country of registration: Application no.: Patent no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5
Project: Title: Country of registration: Application no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential.
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System US
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System US US 08/302787
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System US
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System US US 08/302787 US 5485635
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System US US 08/302787
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System US US 08/302787 US 5485635
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System US US 08/302787 US 5485635
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System US US 08/302787 US 5485635
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System US US 08/302787 US 5485635
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System US US 08/302787 US 5485635 Nokia TETRA Call Control In A Digital TDMA Radio System AU AU 58176/94
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.:	TETRA Call Control In A Digital TDMA Radio System EPO EP 94903913.5 EP 630548 AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR FR 2 706 054 FR ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential. Nokia TETRA Call Control In A Digital TDMA Radio System US US 08/302787 US 5485635

Company name:	Nokia
Project:	TETRA
Title:	Call Control In A Digital TDMA Radio System
Country of registration:	CN
Application no.:	CN 94190016.9
Patent no.:	CN 1101490
Company name:	Nokia
Project: Title: Country of registration: Application no.: Patent no.:	TETRA Radio System
Company name:	Nokia
Project:	TETRA
Title:	Radio System
Country of registration:	PCT
Application no.:	PCT/FI93/00501
Patent no.:	WO 9413089
Company name:	Nokia
Project:	TETRA
Title:	Radio System
Country of registration:	AU
Application no.:	AU 55639/94
Patent no.:	AU 683033
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Alcatel TETRA Procédé et dispositif d'entrelacement d'une séquence d'éléments de données FR 94 2 512 FI ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Alcatel TETRA Method and device for interleaving a sequence of data elements FR US 5,742,612 US ETS 300 392-2 The signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the standard, to the extent that the IPRs remain essential.
Company name:	Nokia
Project:	TETRA
Title:	Call Control In A Digital TDMA Radio System
Country of registration:	NO
Application no.:	NO 943346
Patent no.:	NO 9403346

TFTS

Company name:	BT
Project:	TFTS
Title:	Skyphone Fax Coder
Country of registration:	PCT
Application no.:	PCT/GB 92/10623
Countries applicable:	DE, DK, ES, FR, GB, GR, IE, IT, NL, SE
Company name:	BT
Project:	TFTS
Title:	Skyphone Fax Coder
Country of registration:	EPO
Patent no.:	GB 92/02102

TIPHON

Company name:	Telchemy
Project:	TIPHON
Title:	Dynamic Quality of Service Monitor
Country of registration:	US
Application no.:	09/574,472
Countries applicable:	US
ETSI Deliverable:	TS 101 329-5
Notes:	The Signatory and/or its affiliates hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with clause 6.1 of the ETSI IPR Policy, in respect of the Standard, to the extent that the IPRs remain essential.
Company name:	Telchemy
Project:	TIPHON
Title:	Quality of Service Monitor for Multimedia Communications Systems
Country of registration:	US
Application no.:	09/551,498
Application no.: Countries applicable:	09/551,498 US
	,

UMTS

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Method of controlling communication resources ZA 98/6804 98/6804 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of controlling communication resources US 09/491524 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of controlling communication resources PH 0001931 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of controlling communication resources MY PI9803509 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Information transmission in a telecommunications system FI 973394 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of controlling communication resources JP 2000-505760 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of controlling communication resources IN 1707MAS/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method in a packet network EPO 99913333.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Method of controlling communication resources FI 973169 104143 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method in a packet network FI 980761 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of controlling communication resources EPO 98936445.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of controlling communication resources CN 98807783.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of controlling communication resources CA 2297896 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Information transmission in a telecommunications system ZA 98/7472 98/7472 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Information transmission in a telecommunications system US 09/504996 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	1-1998-00021 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	PI9803775 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Information transmission in a telecommunications system JP 2000-510304 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Notes:	Fujitsu Limited UMTS W-CDMA n/a Fujitsu Limited has declared that it has patent(s) and/or pending patent application(s) relating to WCDMA proposal. Fujitsu Limited is fully prepared to grant licenses to these patents on a fair, reasonable and non-discriminatory basis, in accordance with the terms and conditions set forth in Clause 6.1 of the ETSI IPR Policy.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Information transmission in a telecommunications system IN 1858/MAS/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Country of registration: Notes:	Philips UMTS n/a Philips Electronics N.V. have declared that in case ETSI adopts an ETSI standard for UMTS radio access methods, they will be prepared to grant non-exclusive licenses in compliance with the ETSI IPR Policy under their patent rights which are deemed to be essential to this ETSI standard, to any third party on the basis of full reciprocity.

Company name: Project: Title: Country of registration: Notes:	Alcatel Alsthom, Companie Générale d'Electricité has declared that their Affiliates and themselves are prepared to grant irrevocable licenses under the IPRs they own on terms and conditions which are in accordance with clause 6.1 of the ETSI IPR Policy, to the extent that the IPRs are essential for any ETSI standard relating to the TD-CDMA proposal and the W-CDMA proposal.
Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	P952732
Patent no.:	ZA 94/10066
Countries applicable:	ID
Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Method of Operating a Multi-Station Network ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Patent no.:	ZA 97/5022
Countries applicable:	ZA
Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	n/a
Patent no.:	ZA 94/10066
Countries applicable:	UA
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method in a packet network JP 2000-542938 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Method for connection reconfiguration in cellular radio network FI 980208 106172 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Notes:	NEC Corporation UMTS W-CDMA n/a NEC Corporation has declared that it owns IPRs related to the W-CDMA technology. In the event the W-CDMA technology is elected by ETSI as a standard for UMTS radio access methods, NEC is prepared to grant licenses/cross licenses (subject to reciprocity) to the patents it has, on a fair, reasonable and non-discriminatory basis, in accordance with the terms and conditions set forth in Clause 6.1 of the ETSI IPR Policy, to that extent that the IPRs remain essential to the Standard.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS A handover method, and a cellular radio system US 09/043012, 09/756851 6198928 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech coding IN 876/MAS/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech coding JP 113808/1998 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech coding KR 99-7009481 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech coding US 09/073697 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS A handover method, and a cellular radio system AU 32605/95 712159 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A handover method, and a cellular radio system CN 95197949.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A handover method, and a cellular radio system EPO 95929130.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for connection reconfiguration in cellular radio network CN 98813368.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A handover method, and a cellular radio system NO 980874 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech coding CN 98804901.5 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and system for controlling the transmission power of certain parts of a radio transmission BR Pl9901046-1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and system for controlling the transmission power of certain parts of a radio transmission CN 99107517.X The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and system for controlling the transmission power of certain parts of a radio transmission EPO 99302738.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Method and system for controlling the transmission power of certain parts of a radio transmission FI 981194 106662 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and system for controlling the transmission power of certain parts of a radio transmission HK 00102938.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and system for controlling the transmission power of certain parts of a radio transmission JP 11-100987 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and system for controlling the transmission power of certain parts of a radio transmission KR 99-12393 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	UMTS
Title:	Method and system for controlling the transmission power of certain parts of a radio transmission
Country of registration:	RU
Application no.:	99107638
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A handover method, and a cellular radio system JP 9-509874 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Notes:	Alcatel UMTS TD-CDMA n/a Alcatel, Robert Bosch GmbH, Italtel Spa, Motorola Inc, Northern Telecom Ltd and Siemens AG have collectively stated that they are prepared to grant under their respective essential IPRs licenses/crosslincenses (subject to reciprocity) on fair, reasonable and non- discriminatory basis (in accordance with ETSI's IPR Policy, Clause 6.1)
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of ciphering data transmission, and cellular radio system AU 20570/99 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of ciphering data transmission, and cellular radio system BR PI9907196-7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of ciphering data transmission, and cellular radio system CN 99802508.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of ciphering data transmission, and cellular radio system EPO 99900905.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of ciphering data transmission, and cellular radio system FI 980209 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of ciphering data transmission, and cellular radio system IN 2000/00204/CHE The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of ciphering data transmission, and cellular radio system JP 2000-529857 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of ciphering data transmission, and cellular radio system KR 2000-7008524 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech coding FI 980502 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Notes:	Robert Bosch GmbH UMTS TD-CDMA n/a Alcatel, Robert Bosch GmbH, Italtel Spa, Motorola Inc, Northern Telecom Ltd and Siemens AG have collectively stated that they are prepared to grant under their respective essential IPRs licenses/crosslincenses (subject to reciprocity) on fair, reasonable and non- discriminatory basis (in accordance with ETSI's IPR Policy, Clause 6.1)
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech coding EPO 98104785.5 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for connection reconfiguration in cellular radio network BR PI9814925-3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for connection reconfiguration in cellular radio network CA 2318480 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for connection reconfiguration in cellular radio network EPO 98941451.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Data communication and radio system NO 19995801 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for connection reconfiguration in cellular radio network JP 2000-529860 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for connection reconfiguration in cellular radio network US 09/627526 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech coding AU 64032/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method in a packet network US 09/283940 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of ciphering data transmission, and cellular radio system US 09/238313 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Improving user data packet transmission in inter SGSN routing area update in GPRS CN 99802910.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of implementing macrodiversity JP 2000-511310 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation UMTS Improvement of soft handoffs in cellular CDMA telecommunications system EPO 93920864.1 AT, CH, DE, ES, FR, GB, HK, IT, NL The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	UMTS
Title:	A method for delivering messages in a wireless communications system using the same protocol for all types of messages
Country of registration:	
Application no.:	99807122.6
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	A method for delivering messages in a wireless communications system using the same
Country of registration:	protocol for all types of messages EPO
Application no.:	99931292.9
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	A method for delivering messages in a wireless communications system using the same protocol for all types of messages
Country of registration:	
Application no.:	
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	UMTS A method for delivering messages in a wireless communications system using the same
nuç.	protocol for all types of messages
Country of registration:	
Application no.: Notes:	2000-555454
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project: Title:	UMTS A method for delivering messages in a wireless communications system using the same
	protocol for all types of messages
Country of registration:	US
Application no.: Notes:	09/719589 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
140163.	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSLIPP Policy in respect of the STANDARD, to the extent that the
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	PCT/FI99/00518 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	AirTouch Communications UMTS Cellular Telephone System US 4,932,049 US
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Improving user data packet transmission in inter SGSN routing area update in GPRS CA 2317448 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	AirTouch Communications UMTS Satellite Mobile Communication System for Rural Service Areas US 5,081,703 US
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Improving user data packet transmission in inter SGSN routing area update in GPRS EPO 99903704.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Improving user data packet transmission in inter SGSN routing area update in GPRS FI 980340 106424 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Improving user data packet transmission in inter SGSN routing area update in GPRS JP 2000-531967 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Improving user data packet transmission in inter SGSN routing area update in GPRS US 09/638463 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of implementing macrodiversity AU 91638/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of implementing macrodiversity CN 98809032.5 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of implementing macrodiversity EPO 98943911.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Mobile station employing selective discontinuous transmission for high speed data services EPO 98305055.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Outer loop power control signaling between radio network controller and base station in WCDMA systems PCT PCT/EP98/07931 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	AirTouch Communications UMTS Microcells for Digital Cellular Telephone Systems US 5,504,936 US
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Delay control method US 09/646776 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multiple flow with same QOS profile in a PDP context BR PI9912911-6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multiple flow with same QOS profile in a PDP context CA 2339825 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multiple flow with same QOS profile in a PDP context EPO 99938409.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	981722 105969 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multiple flow with same QOS profile in a PDP context JP 2000-565696 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multiple flow with same QOS profile in a PDP context US 09/763001 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	AirTouch Communications UMTS Method and Apparatus for Fraud Control in Cellular Telephone Systems US 5,555,551 US
Company name: Project: Title: Country of registration: Notes:	Nortel Northern Telecom Ltd. UMTS W-CDMA n/a Nortel has declared that it is the owner of IPRs which might be considered essential to the W- CDMA systems standards. Nortel is prepared to grant irrevocable licenses under the IPRs, on terms and conditions which are in accordance with clause 6.1 of the ETSI IPR Policy.

Company name:	AirTouch Communications
Project:	UMTS
Title:	Microcell System for Cellular Telephone Systems
Country of registration:	US
Patent no.:	5,506,147
Countries applicable:	US
Company name:	Nokia Corporation
Project:	UMTS
Title: Country of registration: Application no.: Notes:	Method of implementing macrodiversity NO 20001225 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	AirTouch Communications
Project:	UMTS
Title:	CDMA Transmission Delay Method and Apparatus
Country of registration:	US
Patent no.:	5,479,397
Countries applicable:	US
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	AirTouch Communications UMTS Method and Apparatus for Fraud Control in Cellular Telephone Systems Utilizing RF Signature Comparison US 5,420,910 US
Company name:	AirTouch Communications
Project:	UMTS
Title:	In-Building Telephone Communication System
Country of registration:	US
Patent no.:	5,349,631
Countries applicable:	US
Company name:	AirTouch Communications
Project:	UMTS
Title:	Network Management System
Country of registration:	US
Patent no.:	5,285,494
Countries applicable:	US
Company name:	AirTouch Communications
Project:	UMTS
Title:	Microcell System in Digital Cellular
Country of registration:	US
Patent no.:	5,243,598
Countries applicable:	US
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	AirTouch Communications UMTS Frequency Signal Generator Apparatus and Method for Simulating Interference in Mobile Communications Systems US 5,220,680 US

Company name:	AirTouch Communications
Project:	UMTS
Title:	Piggy-Back Number and Routing Isolation for Cellular Telephone Switches
Country of registration:	
Patent no.:	5,216,703
Countries applicable:	US
Company name:	AirTouch Communications
Project:	UMTS
Title:	Zoned Microcell with Sector Scanning for Cellular Telephone System
Country of registration:	
Patent no.:	5,193,109
Countries applicable:	US
Company name:	AirTouch Communications
Project:	UMTS
Title:	Spectral Sharing Communication System with Minimal Inter-Signal Interference
Country of registration:	
Patent no.:	5,507,020
Countries applicable:	US
Company name:	Nokia Corporation
Project:	UMTS
Title:	Information transmission in a telecommunications system
Country of registration:	
Application no.:	
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	Method of implementing macrodiversity
Country of registration:	
Application no.:	9736562
Patent no.:	103446
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project:	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation UMTS
Project: Title:	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation UMTS Data communication and radio system
Project: Title: Country of registration:	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation UMTS Data communication and radio system EPO
Project: Title: Country of registration: Application no.:	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation UMTS Data communication and radio system EPO 99913326.7
Project: Title: Country of registration:	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation UMTS Data communication and radio system EPO 99913326.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
Project: Title: Country of registration: Application no.:	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation UMTS Data communication and radio system EPO 99913326.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
Project: Title: Country of registration: Application no.:	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation UMTS Data communication and radio system EPO 99913326.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
Project: Title: Country of registration: Application no.:	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation UMTS Data communication and radio system EPO 99913326.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
Project: Title: Country of registration: Application no.:	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation UMTS Data communication and radio system EPO 99913326.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
Project: Title: Country of registration: Application no.:	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Nokia Corporation UMTS Data communication and radio system EPO 99913326.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Data communication and radio system FI 980703 106663 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Data communication and radio system JP 11-551218 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding GB 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Data communication and radio system US 09/424081 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and system for controlling the transmission power of certain parts of a radio transmission US 09/287844 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	UMTS
Title:	Mobile station employing selective discontinuous transmission for high speed data services
Country of registration:	JP
Application no.:	10-178955
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	Data communication and radio system
Country of registration:	AU
Application no.:	31488/99
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	Mobile station employing selective discontinuous transmission for high speed data services
Country of registration:	US
Application no.:	08/882822
Patent no.:	6137789
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	Method for transmitting two parallel channels using code division and an apparatus realising
	the method
Country of registration:	
Application no.:	
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Compony nemo-	Nakia Corporation
Company name:	Nokia Corporation
Project:	UMTS
Title:	Information transmission in a telecommunications system
Country of registration:	
Application no.:	
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	98939666.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Notes:	Motorola UMTS W-CDMA n/a Motorola have stated that they have not yet finally determined whether or not their IPRs are in fact essential to the W-CDMA proposal and does not know what will be the final contents of the proposal in the event of adoption. Motorola will, however, agree to grant licenses under its
	IPR essential to a W-CDMA standard, if and when adopted by ETSI, on fair, reasonable, and non-discriminatory terms in accordance with Clause 6.1 of the ETSI IPR Policy, provided that those who seek licenses agree to reciprocate.
Company name: Project: Title: Country of registration: Notes:	Canon UMTS UTRA n/a Canon (Canon Research France - CRF) has declared that, in the event the proposed standard is adopted, it is ready to grant licenses under the Essential IPR(s) of the "standard", owned by CRF, on fair, reasonable and non-discriminatory terms and conditions, and provided that a similar grant under licensee's Essential IPR(s) is made available upon request of CRF.
Company name: Project: Title:	Siemens UMTS Method and arrangement for joint channel estimation in a digital multiple access communication system
Country of registration: Patent no.: Countries applicable:	DE 4 212 300 DE
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	Siemens UMTS Method and arrangement for transmitting information in a digital radio system US 5 648 967 US
Company name: Project: Country of registration: Notes:	Texas Instruments UMTS n/a Texas Instruments France has informed ETSI that, in relation to UMTS, TI (and/or affiliates) has many patents and that it would be burdensome to identify whether or not any particular patent applies to a particular proposal. TI (and/or affiliates) has a practice of filing patent applications on innovative developments in its various business areas, but cannot tell in advance the scope of the patents, if any, that may issue on such applications.
Company name: Project: Title: Country of registration: Notes:	Robert Bosch GmbH UMTS TD-CDMA, W-CDMA n/a Robert Bosch GMBH has confirmed that it is prepared to grant irrevocable licenses under its IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, provided that the patents it has become essential for the TD-CDMA and/or the W-CDMA proposal(s).

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Mobile station employing selective discontinuous transmission for high speed data services KR 98-21536 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	19823504.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method of implementing macrodiversity US 09/520387 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Multiple pilot signals in a CDMA cellular communication system AU 5820896 707721 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multiple pilot signals in a CDMA cellular communication system CN 96190676.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multiple pilot signals in a CDMA cellular communication system EPO 96919814 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Multiple pilot signals in a CDMA cellular communication system FI 952532 98171 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multiple pilot signals in a CDMA cellular communication system JP 8535425 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multiple pilot signals in a CDMA cellular communication system NO 970300 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multiple pilot signals in a CDMA cellular communication system US 08/776263 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Data communication and radio system CN 99800395.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	98109343.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Country of registration: Notes:	Lucent Technologies Inc. UMTS n/a Lucent Technologies Inc. has informed ETSI that it is likely to have IPRs essential to UMTS and that it is prepared to make a license relating to the ETSI UMTS Terrestrial Radio Access Interface standard available to any qualified applicant, upon reasonable, non-discriminatory terms and conditions. Representative: Mr. P. J. Crefeld (tel: +1 908 903 6262 / fax: +1 908 903 6319) for licensing matters.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for transmitting two parallel channels using code division and an apparatus realising the method EPO 98304282.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Method for transmitting two parallel channels using code division and an apparatus realising the method FI 972278 105377 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for transmitting two parallel channels using code division and an apparatus realising the method GB 9811666.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	99102590.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for transmitting two parallel channels using code division and an apparatus realising the method IN 1164/MAS/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for transmitting two parallel channels using code division and an apparatus realising the method JP 140709/1998 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for transmitting two parallel channels using code division and an apparatus realising the method KR 98-19478 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for transmitting two parallel channels using code division and an apparatus realising the method RU 98110072 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	PI9801707-1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Sophisticated location update for cellular mobile stations AU 2778795 694242 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech decoder having post processing excitation JP 9-502809 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech decoder having post processing excitation RU 98101107 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Speech decoder having post processing excitation US 08/662991, 09/135936 6029128, 5946651 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Virtual packet channel over cellular network CN 95100020.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Virtual packet channel over cellular network EE P9400344 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Virtual packet channel over cellular network EPO 94306531.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Virtual packet channel over cellular network FI 933894 97517 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Framing technique for a multi-rate CDMA communication system CN 97118537.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Virtual packet channel over cellular network US 08/724375, 09/143494 5802465, 6167248 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech decoder having post processing excitation EPO 96920925.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Sophisticated location update for cellular mobile stations CN 95192480.X The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Sophisticated location update for cellular mobile stations EPO 95915211.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Sophisticated location update for cellular mobile stations FI 941652 95984 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Sophisticated location update for cellular mobile stations HK 98112522.5 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Sophisticated location update for cellular mobile stations JP 7526100 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Sophisticated location update for cellular mobile stations US 718512 5889770 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech KR 97-706298 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Virtual packet channel over cellular network JP 6-213046 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Predictive split-matriz quantization of spectral parameters for efficient coding of speech CN 96193827.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding ES 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech MY PI9600844 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech RU 97116484 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech SE 9600918-8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech US 383968, 509525 5701392 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech ZA 96/1913 96/1913 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Predictive split-matriz quantization of spectral parameters for efficient coding of speech AU 52633/96 697256 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech decoder having post processing excitation IN 1054/MAS/96 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Predictive split-matriz quantization of spectral parameters for efficient coding of speech CA 2216315 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Speech decoder having post processing excitation ES P9750009 9750009 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Predictive split-matriz quantization of spectral parameters for efficient coding of speech EPO 96908945.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Predictive split-matriz quantization of spectral parameters for efficient coding of speech JP 08-529817 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Predictive split-matriz quantization of spectral parameters for efficient coding of speech US 416019 5664053 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Speech decoder having post processing excitation AU 62309/96 714752 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech decoder having post processing excitation BR 9608479-0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech decoder having post processing excitation CA 2224688 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Speech decoder having post processing excitation CN 96196226.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Framing technique for a multi-rate CDMA communication system EPO 97307038.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Predictive split-matriz quantization of spectral parameters for efficient coding of speech BR 9604838.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Management of packet switched connections in a communication network US 09/510893 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Location update method and inter core network entity handover method CN 99808674.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Location update method and inter core network entity handover method EPO 99928487.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Location update method and inter core network entity handover method JP 2000-555450 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Location update method and inter core network entity handover method US 09/098216, 09/271191 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Management of packet switched connections in a communication network CA 2301674 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Management of packet switched connections in a communication network CN 99801026.X The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Management of packet switched connections in a communication network EPO 99932900.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Framing technique for a multi-rate CDMA communication system BR PI9704680-9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Management of packet switched connections in a communication network JP 2000-557636 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for establishing a signaling connection with a mobile station JP 2000-542947 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Code allocation in soft handover AU 26750/00 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Code allocation in soft handover CN 00800191.X The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Code allocation in soft handover EPO 00905100.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Code allocation in soft handover FI 990363 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Code allocation in soft handover JP 2000-600435 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Code allocation in soft handover NO 20005238 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Code allocation in soft handover US 09/673579 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Management of packet switched connections in a communication network FI 981485 106512 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Delayed frame acknowledge in a sliding-window flow control protocol JP 8533810 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Framing technique for a multi-rate CDMA communication system JP 247260/1997 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Framing technique for a multi-rate CDMA communication system KR 97-46432 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Framing technique for a multi-rate CDMA communication system US 712309 5859843 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Delayed frame acknowledge in a sliding-window flow control protocol AU 5650696 708324 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Delayed frame acknowledge in a sliding-window flow control protocol CA 2193379 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Delayed frame acknowledge in a sliding-window flow control protocol CN 96190461.5 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Delayed frame acknowledge in a sliding-window flow control protocol EPO 96913557 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Location update method and inter core network entity handover method CA 2334654 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Delayed frame acknowledge in a sliding-window flow control protocol HK 98101125.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for establishing a signaling connection with a mobile station US 09/647022 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Delayed frame acknowledge in a sliding-window flow control protocol KR 707574 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Delayed frame acknowledge in a sliding-window flow control protocol SG 96122478 36469 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Delayed frame acknowledge in a sliding-window flow control protocol US 765067, 5930233 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for establishing a signaling connection with a mobile station BR PI9909396-0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for establishing a signaling connection with a mobile station CN 99804784.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for establishing a signaling connection with a mobile station EPO 99913342.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for establishing a signaling connection with a mobile station FI 980783 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech JP 527130/96 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Delayed frame acknowledge in a sliding-window flow control protocol FI 952256 98174 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Vector adaptive predictive coder for speech and audio DE 92108904.1 0503684 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding FR 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multiple flow with same QOS profile in a PDP context PCT PCT/FI99/00661 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding GR 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding IT 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding LI 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding LU 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding NL 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech AU 44796/96 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding US 927528, 438703 5444816, 5699482 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding DK 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	92108904.1 0503684 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Vector adaptive predictive coder for speech and audio FR 92108904.1 0503684 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Vector adaptive predictive coder for speech and audio GB 92108904.1 0503684 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Vector adaptive predictive coder for speech and audio IT 92108904.1 0503684 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Vector adaptive predictive coder for speech and audio JP 84973/1988 2887286 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Vector adaptive predictive coder for speech and audio US 035615 4969192 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech MX 97/06885 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding SE 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Flexible synchronization of WCDMA base stations GB 9819482.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Power balancing between downlink DHO branches in a CDMA system CN 99804689.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Power balancing between downlink DHO branches in a CDMA system EPO 99911842.5 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Power balancing between downlink DHO branches in a CDMA system FI 980780 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Power balancing between downlink DHO branches in a CDMA system JP 2000-542942 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Power balancing between downlink DHO branches in a CDMA system US PCT/FI99/00257 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Use of rate information (TFCI) signalling in soft handover with multicode downlink transmission GB 9911084.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Use of rate information (TFCI) signalling in soft handover with multicode downlink transmission PCT PCT/EP00/03699 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Delay control method JP 2000-541783 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Flexible synchronization of WCDMA base stations EPO 99940435.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding EPO 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Flexible synchronization of WCDMA base stations JP 569534/2000 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Flexible synchronization of WCDMA base stations US 09/786772 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding AT 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding BE 90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Fast sparse-algebraic-codebook search for efficient speech coding CA 2010830 2010930 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	90915956.8 0516621 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech BR 9607026.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Flexible synchronization of WCDMA base stations BR PI9913452-7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech DE 19609170.5 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech AR P960101681 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Notes:	Omnipoint UMTS W-CDMA, TD/CDMA n/a Omnipoint Corporation has declared that it holds IPRs which are Essential to the UMTS/UTRA proposals, including, without limitation, W-CDMA and TD/CDMA. Omnipoint is prepared to grant licenses/cross-licenses to Essential IPRs on a fair, reasonable and non-discriminatory basis in accordance with Clause 6.1 of ETSI IPR Policy.
Company name: Project: Country of registration: Notes:	CCETT UMTS n/a CCETT (Centre Commun d'Etudes de Télédiffusion et Télécommunications) has declared that it is prepared to grant irrevocable licenses under IPRs it controls and which may be considered Essential (the IPRs) to the Standards UMTS (the Standards), granted or pending, relatively to the different technologies of the Standards as UTRA, access network, core network, SIM, etc., on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the Standard, to the extent that IPRs remain Essential.
Company name: Project: Country of registration: Notes:	Samsung Electronics Corporation (SEC) UMTS n/a With regard to the W-CDMA technology being elaborated by ETSI as a standard for the UMTS Terrestrial Radio Access (UTRA) FDD mode, SEC is prepared to grant licenses to its essential IPRs on a fair, reasonable, and non-discriminatory basis in accordance with the terms and conditions set forth in Clause 6.1 of the ETSI IPR Policy.
Company name: Project: Country of registration: Notes:	France Telecom UMTS n/a France Télécom has declared that it is prepared to grant irrevocable licenses under its IPRs that may be considered Essential (the IPRs) to the Standards UMTS (the Standards), granted or pending, relatively to the different technologies of the Standards as UTRA, access network, core network, SIM, etc., on terms and conditions which are in accordance with Clause 6.1 of the ETSI Interim Policy, in respect of the Standards, to the extent that the IPRs remain Essential. The above undertaking may be made subject to the condition that whose seek licenses agree to reciprocate in licenses incorporating have made rights.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech AU 47811/96 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech BR PI9607144.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	0335305 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech CN 96193196.5 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech SE 9600437-9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech EPO 96903854.6 0813736 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech ES 9650035 9650035 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech FR 9602957 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech GB 9605123.0 2299001 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech HK 98100818.3 1001846 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech IN 422CAL96 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Depth-first algebraic-codebook search for fast coding of speech IT TO96A000174 01285305 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	2213740 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech IN 198CAL96 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech CA 2210765 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech CN 96193095.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	UMTS
Title:	Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding
	of speech
Country of registration:	
Application no.:	19604273.9
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding
	of speech
Country of registration: Application no.:	
Notes:	96900816.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IRPs and has
Notes.	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding
	of speech
Country of registration:	
Application no.:	9650025
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
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Company name: Project:	Nokia Corporation UMTS
Title:	Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding
nue.	of speech
Country of registration:	
Application no.:	973241
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding
	of speech
Country of registration:	
Application no.:	9601426
Patent no.:	2730336
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.

Company name: Project: Title:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding
Country of registration: Application no.: Patent no.: Notes:	of speech ZA 96/0852 96/0852 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech HK
Country of registration: Application no.: Notes:	98101406.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech
Country of registration: Application no.: Patent no.: Notes:	
Company name: Project: Title:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech
Country of registration: Application no.: Notes:	IT UD96A000012 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	
Application no.: Notes:	523852/96 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

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Company name: Project: Title: Country of registration: Application no.: Notes:	705372 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	975997 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech MY PI9600300 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech NO 973472 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Algebraic codebook with signal-selected pulse amplitude/position combinations for fast coding of speech RU 97114804 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Power balancing between downlink DHO branches in a CDMA system BR PI9909387-1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	9602391.6 2297671 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Mobile communications CN 97181963.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Data transmisson method, and radio system EPO 97940174.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Data transmisson method, and radio system FI 963518 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Data transmisson method, and radio system JP 10-512290 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Data transmisson method, and radio system NO 19991095 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Data transmisson method, and radio system US 09/230496 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and device for voice activity detection and a communication device EPO 96118504.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and device for voice activity detection and a communication device JP 08-331874 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS WCDMA packet mode code resource allocation mechanism in the downlink CN 99801086.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Mobile communications BR 9713654-9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Audio coding method and apparus US 09/036102 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Mobile communications EPO 97300015.1, 97954953.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Mobile communications JP 10-529608 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	99-7005960 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	08/996929 5946634 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS WCDMA packet mode code resource allocation mechanism in the downlink AU 51651/99 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Notes: Company name: Project: Title: Country of registration: Notes:	Ericsson has declared that it has patent(s) and/or pending patent application(s) relating to the W-CDMA proposal and the TD-CDMA proposal Ericsson is fully prepared to grant licenses to these patents on fair, reasonable and non-discriminatory basis in accordance with the terms and conditions set forth in Clause 6.1 of the ETSI IPR Policy. Nokia UMTS W-CDMA
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 9602401-3 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Method and device for voice activity detection and a communication device US 08/763975 5963901 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Audio coding method and apparus DE 19811039.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Refined TX-AA mode PCT PCT/EP99/03440 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Improvement of soft handoffs in cellular CDMA telecommunications system AU 48209/93 681595 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: ETSI Deliverable: Notes:	Hitachi Ltd. UMTS n/a n/a n/a n/a Hitachi, Ltd. Is ready to license its own Intellectual Property Right(s), which is deemed to be necessary to implement the standard IMT 2000 (or UMTS, W-CDMA) relating to the third generation public mobile telephone systems, on fair, reasonable, non-exclusive and non- discrimenatory terms and conditions to a party, who accepts an equivalent undertaking with regard to this standard.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	AirTouch Communications UMTS Digital Microcells for Cellular Networks US 5,678,186 US
Project: Title: Country of registration: Application no.: Notes:	UMTS Improvement of soft handoffs in cellular CDMA telecommunications system FI 961313 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Improvement of soft handoffs in cellular CDMA telecommunications system JP 7-509576 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Improvement of soft handoffs in cellular CDMA telecommunications system NO 961194 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Improvement of soft handoffs in cellular CDMA telecommunications system US 08/619461 6009328 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Data transmisson method, and radio system CN 97197705.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Audio coding method and apparus CN 98104180.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Data transmisson method, and radio system AU 42105/97 723996 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Audio coding method and apparus EPO 98904191.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Audio coding method and apparus FI 971108 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Audio coding method and apparus FR 9803135 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Audio coding method and apparus GB 9805294.7 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Audio coding method and apparus JP 10-63514 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Audio coding method and apparus KR 99-7008369 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Audio coding method and apparus SE 9800776-8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Notes:	Panasonic UMTS W-CDMA n/a Panasonic Matsushita Communication Industrial UK Ltd. declared that they are prepared to grant licenses/cross licenses (subject to reciprocity) under the essential IPRs on fair, reasonable and non-discriminatory basis in accordance with Clause 6.1 of the ETSI IPR Policy.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Audio coding method and apparus AU 62164/98 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Menetelmä ja järjestely pakettidatan siirron hallitsemiseksi solukkojärjestelmässä PCT PCT/FI00/00137 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Initialisation of UE specific frame number for air interface ciphering EPO 99956044.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Initialisation of UE specific frame number for air interface ciphering FI 990499, 991184 106494 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Initialisation of UE specific frame number for air interface ciphering US PCT/FI99/00926 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Initialisation of UE specific frame number for air interface ciphering PCT PCT/FI99/00926 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS On managing the ciphering keys in UMTS system with double MM CA PCT/FI99/01010 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS On managing the ciphering keys in UMTS system with double MM FI 990757 105964 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS On managing the ciphering keys in UMTS system with double MM PCT PCT/FI99/01010 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Notes:	NTT UMTS W-CDMA n/a NTT DoCoMo is prepared to grant licenses to its essential IPRs on fair, reasonable, and non- discriminatory basis in accordance with the terms and conditions set forth in Clause 6.1 of the ETSI IPR Policy.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Menetelmä ja järjestely pakettidatan siirron hallitsemiseksi solukkojärjestelmässä US 09/507804 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	Nokia Corporation UMTS Multicall MMI aspects and interaction with call hold and call waiting. Multicall handover from UMTS to GSM
Country of registration: Application no.: Notes:	
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Segmentation without continuation indicator CA PCT/FI99/00821 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 9702266-9 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 9801621-5 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 9801027-5 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.

Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a PCT/SE98/02357 EPO, EE, JP, LT, LV, NO, US This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 9704863-1 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a PCT/SE98/01157 EPO, EE, JP, LT, LV, NO, US This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 9702390-7 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Menetelmä ja järjestely pakettidatan siirron hallitsemiseksi solukkojärjestelmässä FI 990384 106901 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Call type specific multicall service in 3rd generation mobile networks FI 981989 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Mitsubishi Electric Corporation UMTS Method and Apparatus for Variable Rate Transmitter JP JP9-16402 JP tdoc SMG2 UMTS A2/9, A3/97, A26/97, A69/97, A45/97, A46/97 Mitsubishi Electric declared that they are prepared to grant licenses/cross licenses (subject to reciprocity) under the essential IPRs on fair, reasonable and non-discriminatory basis in accordance with Clause 6.1 of the ETSI IPR Policy.
Company name: Project: Title: Country of registration: Notes:	Qualcomm Inc. UMTS n/a n/a QUALCOMM has agreed to support approval by the European Telecommunications Standards Institute (ETSI) of a single CDMA third generation standard that encompasses three optional modes of operation: (1) direct sequence FDD, (2) multi-carrier FDD and (3) TDD, with each mode supporting operation with both GSM MAP and ANSI-41 networks. QUALCOMM hereby commits to the European Telecommunications Standards Institute to license its essential patents for such single CDMA standard or any of its modes on a fair and reasonable basis free from unfair discrimination.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: ETSI Deliverable: Notes:	Mitsubishi Electric Corporation UMTS Method and Apparatus for Variable Rate Transmitter PCT PCT/JP97/03224 PCT tdoc SMG2 UMTS A2/9, A3/97, A26/97, A69/97, A45/97, A46/97 Mitsubishi Electric declared that they are prepared to grant licenses/cross licenses (subject to reciprocity) under the essential IPRs on fair, reasonable and non-discriminatory basis in accordance with Clause 6.1 of the ETSI IPR Policy.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS WCDMA packet mode code resource allocation mechanism in the downlink EPO 99936624.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS WCDMA packet mode code resource allocation mechanism in the downlink FI 981546 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A method for delivering messages in a wireless communications system using the same protocol for all types of messages BR PI9911243-4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
10103.	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS WCDMA packet mode code resource allocation mechanism in the downlink JP 2000-558616 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Delay control method FI 980735 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multicall MMI aspects and interaction with call hold and call waiting. Multicall handover from UMTS to GSM PCT PCT/FI99/00917 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Call type specific multicall service in 3rd generation mobile networks EPO 99931317.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multicall MMI aspects and interaction with call hold and call waiting. Multicall handover from UMTS to GSM US 09/600083 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Call type specific multicall service in 3rd generation mobile networks JP 2000-570989 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Call type specific multicall service in 3rd generation mobile networks US PCT/FI99/00545 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Call type specific multicall service in 3rd generation mobile networks PCT PCT/FI99/00545 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multicall MMI aspects and interaction with call hold and call waiting. Multicall handover from UMTS to GSM BR PI9906716-1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multicall MMI aspects and interaction with call hold and call waiting. Multicall handover from UMTS to GSM CN 99802021.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multicall MMI aspects and interaction with call hold and call waiting. Multicall handover from UMTS to GSM EPO 99971626.9 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multicall MMI aspects and interaction with call hold and call waiting. Multicall handover from UMTS to GSM FI 982391 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multicall paging procedure PCT PCT/EP98/06360 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS WCDMA packet mode code resource allocation mechanism in the downlink US 09/486821 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Modification to GPRS specifications for 3rd generation cellular systems PCT PCT/FI00/00357 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A method for controlling connections to a mobile station EPO 99913334.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A method for controlling connections to a mobile station FI 980736, 20010001 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A method for controlling connections to a mobile station JP 2000-541842 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A method for controlling connections to a mobile station US 09/647132 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Modification to GPRS specifications for 3rd generation cellular systems BR PI0006854-3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Modification to GPRS specifications for 3rd generation cellular systems EPO 00920784.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Modification to GPRS specifications for 3rd generation cellular systems FI 991466 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Transportation of QOS mapping information PCT PCT/FI00/00003 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Modification to GPRS specifications for 3rd generation cellular systems US PCT/FI00/00357 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A method and a system for controlling a macrodiversity connection through at least two radio network controllers US 09/622240 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Interworking between radio access networks PCT PCT/EP99/00452 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Inter-system handover measurement initiation mechanism FI 991194 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Inter-system handover measurement initiation mechanism PCT PCT/FI00/00470 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Secure detach procedure CA 2320464 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Secure detach procedure CN 98813557.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Secure detach procedure EPO 98965808.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Secure detach procedure JP 2000-587560 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Secure detach procedure US 09/627684 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Modification to GPRS specifications for 3rd generation cellular systems JP 2000-506260 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Packet routing in GSM interoperator network NO 973177 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Notes:	Italtel Spa UMTS TD-CDMA n/a Alcatel, Robert Bosch GmbH, Italtel Spa, Motorola Inc, Northern Telecom Ltd and Siemens AG have collectively stated that they are prepared to grant under their respective essential IPRs licenses/crosslincenses (subject to reciprocity) on fair, reasonable and non- discriminatory basis (in accordance with ETSI's IPR Policy, Clause 6.1)
Company name: Project: Title: Country of registration: Notes:	Motorola UMTS TD-CDMA n/a Alcatel, Robert Bosch GmbH, Italtel Spa, Motorola Inc, Northern Telecom Ltd and Siemens AG have collectively stated that they are prepared to grant under their respective essential IPRs licenses/crosslincenses (subject to reciprocity) on fair, reasonable and non- discriminatory basis (in accordance with ETSI's IPR Policy, Clause 6.1)
Company name: Project: Title: Country of registration: Notes:	Nortel Northern Telecom Ltd. UMTS TD-CDMA n/a Alcatel, Robert Bosch GmbH, Italtel Spa, Motorola Inc, Northern Telecom Ltd and Siemens AG have collectively stated that they are prepared to grant under their respective essential IPRs licenses/crosslincenses (subject to reciprocity) on fair, reasonable and non- discriminatory basis (in accordance with ETSI's IPR Policy, Clause 6.1)
Company name: Project: Title: Country of registration: Notes:	Siemens UMTS TD-CDMA n/a Alcatel, Robert Bosch GmbH, Italtel Spa, Motorola Inc, Northern Telecom Ltd and Siemens AG have collectively stated that they are prepared to grant under their respective essential IPRs licenses/crosslincenses (subject to reciprocity) on fair, reasonable and non- discriminatory basis (in accordance with ETSI's IPR Policy, Clause 6.1)
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Packet routing in GSM interoperator network AU 43928/96 702765 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Packet routing in GSM interoperator network CA 2209715 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Packet routing in GSM interoperator network CN 96191857.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation UMTS Packet routing in GSM interoperator network EPO 96900336.7 HK The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A method for controlling connections to a mobile station CN 99805061 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Packet routing in GSM interoperator network JP 8-521459 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A method for controlling connections to a mobile station BR PI9909307-3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Packet routing in GSM interoperator network SG 9705557-8 49522 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Packet routing in GSM interoperator network US 08/875464 5970059 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A method and a system for controlling a macrodiversity connection through at least two radio network controllers CA 2320101 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A method and a system for controlling a macrodiversity connection through at least two radio network controllers CN 99803016.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	99903708.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	Nokia Corporation UMTS A method and a system for controlling a macrodiversity connection through at least two radio network controllers
Country of registration: Application no.: Patent no.: Notes:	FI 980348, 981811 106667 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	Nokia Corporation UMTS A method and a system for controlling a macrodiversity connection through at least two radio network controllers JP
Application no.: Notes:	2000-531914 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	Nokia Corporation UMTS Maintenance of data integrity in a 3G network PCT
Application no.: Notes:	PCT/FI00/00025 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Packet routing in GSM interoperator network FI 950116 98586 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A handover measurement and reporting scheme EPO 99902583.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Secure detach procedure PCT PCT/EP98/08064 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Encoding blocks for turbo codes PCT PCT/FI00/00322 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A new timing proposal for RACH PCT PCT/EP99/03630 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Usage of AMR speech codec in WCDMA FI 991536 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Usage of AMR speech codec in WCDMA US 09/609880 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Usage of AMR speech codec in WCDMA PCT PCT/FI00/00615 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Handling of classmarks GB 9918636.3 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Handling of classmarks PCT PCT/IB00/01180 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Encoding blocks for turbo codes JP 2000-613080 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A handover measurement and reporting scheme CN 99803036.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Encoding blocks for turbo codes FI 990863 106758 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS A handover measurement and reporting scheme FI 980357 106285 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A handover measurement and reporting scheme JP 2000-532992 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A handover measurement and reporting scheme US 09/622468 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multicall paging procedure CA PCT/EP98/06360 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multicall paging procedure EPO 98954361.6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multicall paging procedure JP 2000-575324 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Multicall paging procedure US PCT/EP98/06360 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS WCDMA packet mode code resource allocation mechanism in the downlink NO 20001072 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS A handover measurement and reporting scheme CA 2320775 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola UMTS Two way personal message system with extended coverage US n/a 4,644,351 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Transportation of QOS mapping information FI 990009, 990253 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Mip advertisement FI 991297 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Mip advertisement PCT PCT/FI00/00504 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola UMTS Digital speech coder having improved sub-sample resolution long-term predictor US n/a 5,359,696 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola UMTS Method and apparatus for data transmission within a broadband communications system US n/a 5,964,356 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola UMTS Dual Mode Radio Receiver with Scanning Capability US n/a 4,872,204 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola UMTS Handoff apparatus and method with interference reduction for a radio system US n/a 4,696,027 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola UMTS Method and apparatus for suppressing noise in a communication system US n/a 5,659,622 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	09/719585 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola UMTS Packet-switched cellular phone system US n/a 4,887,265 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Maintenance of data integrity in a 3G network FI 990071 106497 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola UMTS Method and apparatus for transmitting information for multiple independent users in a communication system US n/a 5,627,830 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola UMTS Radio arrangement having two radios sharing circuitry US n/a 6,006,104 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola UMTS Radio arrangement having two radios sharing circuitry US n/a 5,029,233 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: ETSI Deliverable: Notes:	Motorola UMTS Method and apparatus for providing high data rate traffic channels in a spread spectrum communication system US n/a 5,204,876 US n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Encoding blocks for turbo codes BR PI0006049-6 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Encoding blocks for turbo codes CA 2333109 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Encoding blocks for turbo codes CN 00800593.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Encoding blocks for turbo codes EPO 00918918.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Motorola
Project:	UMTS
Title:	Trunked communication system with nation-wide roaming capability
Country of registration:	
Application no.:	n/a
Patent no.:	4,833,701
Countries applicable: ETSI Deliverable:	US n/a
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
NOLES.	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	CDMA receiver with weighted interference cancellation (UTRA)
Application no.:	2.210.214
Patent no.:	Pending
Countries applicable:	CA
Company name:	OKI Electric Industry Co. Ltd
Company name: Project:	OKI Electric Industry Co., Ltd. UMTS
Title:	Spread code generation device for spread spectrum communication (UTRA)
Country of registration:	US
Country of registration: Application no.:	
Country of registration: Application no.: Patent no.:	426.254
Application no.: Patent no.:	
Application no.:	426.254 5.631.922
Application no.: Patent no.: Countries applicable: Notes:	426.254 5.631.922 US Pending for Japan.
Application no.: Patent no.: Countries applicable: Notes: Company name:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd.
Application no.: Patent no.: Countries applicable: Notes: Company name: Project:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd.
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd. UMTS
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA 97112107
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA 97112107 ZA 94/10066
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA 97112107
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA 97112107 ZA 94/10066 RU
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Country of registration: Application no.: Patent no.: Countries applicable:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA 97112107 ZA 94/10066
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA 97112107 ZA 94/10066 RU Salbu Research & Development (pty) Ltd.
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Toompany name: Project:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA 97112107 ZA 94/10066 RU Salbu Research & Development (pty) Ltd. UMTS Method of Operating a Network ODMA (enhancement to WBCDMA, TDCDMA)
Application no.: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Countries applicable: Company name: Project: Title: Countries applicable:	426.254 5.631.922 US Pending for Japan. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA P972825 ZA 94/10066 NO Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA 97112107 ZA 94/10066 RU Salbu Research & Development (pty) Ltd. UMTS Method of Operating a Network ODMA (enhancement to WBCDMA, TDCDMA)

Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	Salbu Research & Development (pty) Ltd. UMTS Enhanced Cellular Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA ZA 97/1819 ZA
Company name: Project: Title: Country of registration: Patent no.: Countries applicable:	Salbu Research & Development (pty) Ltd. UMTS Power Adaption in a Multi-Station Network ODMA (enhancement to WBCDMA, TDCDMA) ZA ZA 97/6885 ZA
Company name: Project: Title: Country of registration: Application no.: Countries applicable:	Mitsubishi Electric Corporation UMTS Mobile radio communication system, communication apparatus for mobile communication system, and method for mobile radio communication system JP JP10-114003 JP
Notes:	Mitsubishi Electric has stated that, in accordance with the ETSI Interim IPR Policy, Article 4.1 with reference to the technical proposal identified as (1) Tdoc SMG2 UMTS-L1 13/98 (Enhanced Slotted DL transmisssion mode), Tdoc SMG2 UMTS-L1 14/98 (Short code reuse on slotted DL transmission mode), Tdoc SMG2 UMTS-L1 65/98 ("split" slotted transmission for UTRA FDD: Additional results), Tdoc SMG2 UMTS-L1 68/98 (Rationales for Reuse of short codes in downlink of UTRA FDD), Tdocs SMG2 UMTS-L1 249/98 (Downlink slotted transmission for UTRA FDD: Additional results (2)), Tdocs SMG2 UMTS-L1 66/98 (UTRA FDD downlink slotted transmission and GSM FCCH/SCH detection), is pepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI Interim IPR policy, in respect of the Standard, to the extent that the IPRs remain essential.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Mitsubishi Electric Corporation UMTS JP JP10-080031 JP Mitsubishi Electric has stated that, in accordance with the ETSI Interim IPR Policy, Article 4.1 with reference to the technical proposal identified as (1) Tdoc SMG2 UMTS-L1 13/98 (Enhanced Slotted DL transmisssion mode), Tdoc SMG2 UMTS-L1 14/98 (Short code reuse on slotted DL transmisssion mode), Tdoc SMG2 UMTS-L1 65/98 ("split" slotted transmission for UTRA FDD: Additional results), Tdoc SMG2 UMTS-L1 68/98 (Rationales for Reuse of short codes in downlink of UTRA FDD), Tdocs SMG2 UMTS-L1 249/98 (Downlink slotted transmission for UTRA FDD: Additional results (2)), Tdocs SMG2 UMTS-L1 66/98 (UTRA FDD downlink slotted transmission and GSM FCCH/SCH detection), is pepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI Interim IPR policy, in respect of the Standard, to the extent that the IPRs remain essential.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA 97-704132 ZA 94/10066 KR
Company name: Project: Title: Country of registration: Notes:	Golden Bridge Technology (GBT) UMTS UTRA RTT Proposal n/a GBT has notified ETSI that it is the proprietor of IPRs considered essential to the ETSI UTRA RTT Proposal to the ITU. GBT declared that, in respect to UTRA RTT, it is prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, to the extent that the IPRs remain essential.

Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	95197655.9
Patent no.:	ZA 94/10066
Countries applicable:	CN
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	CDMA receiver with weighted interference cancellation (UTRA)
Application no.:	883.959
Patent no.:	Pending
Countries applicable:	US
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	CDMA receiver with weighted interference cancellation (UTRA)
Application no.:	97-31736
Patent no.:	Pending
Countries applicable:	KR
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	CDMA receiver with weighted interference cancellation (UTRA)
Application no.:	08-183593
Patent no.:	Pending
Countries applicable:	JP
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	Code division multiple access receiver with sequential interference-cancelling (UTRA)
Country of registration:	US
Application no.:	95103484,2
Countries applicable:	DE, FR, GB
Notes:	Pending for Japan, Korea and EPCDI.
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	Code division multiple access receiver with sequential interference-cancelling (UTRA)
Country of registration:	US
Application no.:	397.676
Patent no.:	5.579.304
Countries applicable:	US
Notes:	Pending for Japan, Korea and EPCDI.
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	Code division multiple access receiver with sequential interference-cancelling (UTRA)
Country of registration:	US
Application no.:	95-2360
Patent no.:	5.579.304
Countries applicable:	KR
Notes:	Pending for Japan, Korea and EPCDI.
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	Code division multiple access receiver with sequential interference-cancelling (UTRA)
Country of registration:	US
Application no.:	07-000349
Patent no.:	5.579.304
Countries applicable:	JP
Notes:	Pending for Japan, Korea and EPCDI.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	669,865 US-5241685 US, SE, IT, GB, FR, ES, DE Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA 95/10789 ZA 94/10066 ZA
Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	2411/DEL/95
Patent no.:	ZA 94/10066
Countries applicable:	IN
Company name:	Ericsson
Project:	UMTS
Title:	Discontinuous CDMA Reception
Country of registration:	SE
Application no.:	866, 555
Patent no.:	US-5239557
Countries applicable:	MX, AU, NZ, US, TW
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	Ericsson UMTS Method and Apparatus for Enhancing Signalling Reliability in a Cellular Mobile Radio Telephone System SE 604,522 US-5230082 AU, US, MX, NZ, TW
Company name:	Ericsson
Project:	UMTS
Title:	Decoding System for Distinguishing Different Types of Convutionally Encoded Signals
Country of registration:	SE
Application no.:	652,544
Patent no.:	US-5230003
Countries applicable:	US, SG, GB
Company name:	Ericsson
Project:	UMTS
Title:	CDMA Subtractive Demodulation
Country of registration:	SE
Application no.:	739, 446
Patent no.:	US-5218619
Countries applicable:	AU, BE, CH, DE, DK, ES, FR, AT, GR, IT, LU, MX, MY, NL, SE, TW, US, GB
Company name:	Ericsson
Project:	UMTS
Title:	Method of Transmitting Signalling Messages in a Mobile Radio Communication System
Country of registration:	SE
Application no.:	899,166
Patent no.:	US-5182753
Countries applicable:	US

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Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration:	628,359 US-5151919 AU, BE, DE, DK, ES, FR, GB, AT, IT, LU, MX, MY, NL, RU, SE, TW, US, GR Ericsson UMTS Handover Method for Mobile Radio System
Application no.:	365,432
Patent no.:	US-5109528
Countries applicable:	US, SG, SE, NO, NL, IT, HK, GB, FR, ES, DE
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	Ericsson UMTS Cellular Digital Mobile Radio System and Method of Transmitting information in a Digital Cellular Mobile Radio System SE 579,283 US-5088108 US
Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	297514
Patent no.:	ZA 94/10066
Countries applicable:	NZ
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 9602399-9 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	Spread code generation device for spread spectrum communication (UTRA)
Country of registration:	US
Application no.:	06-091912
Patent no.:	5.631.922
Countries applicable:	JP
Notes:	Pending for Japan.
Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	AP/P/96/00779
Patent no.:	ZA 94/10066
Countries applicable:	ARIPO

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Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	95/090
Patent no.:	ZA 94/10066
Countries applicable:	n/a
Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	PCT/GB95/02972
Patent no.:	ZA 94/10066
Countries applicable:	PCT
Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	95941197.6
Patent no.:	ZA 94/10066
Countries applicable:	EU
Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	8-519339
Patent no.:	ZA 94/10066
Countries applicable:	JP
Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	08/849.875
Patent no.:	ZA 94/10066
Countries applicable:	US
Company name: Project: Title:	Salbu Research & Development (pty) Ltd. UMTS
Country of registration: Application no.: Patent no.: Countries applicable:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration: Application no.: Patent no.:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA) ZA 42682/96 ZA 94/10066 AU Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)

Company name: Project:	Nokia Corporation UMTS
Title:	High speed data 2
Country of registration:	
Application no.:	8-511421
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project:	OKI Electric Industry Co., Ltd. UMTS
Title:	Channel modulation for code-division multiple-access systems (UTRA)
Application no.:	06-127933
Patent no.:	Pending
Countries applicable:	JP
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Company name:	Nokia Corporation
Project:	UMTS
Title:	High speed data 1
Country of registration:	
Application no.:	8-511420
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
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Company name:	Nokia Corporation
Project:	UMTS
Title:	High speed data 1
Country of registration:	
Application no.:	701980
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title: Country of registration:	High speed data 1 SG
Application no.:	9701460-9
Patent no.:	39174
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	High speed data 1
Country of registration:	
Application no.:	08/817963, 08/676023
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Nokia Corporation
Project:	UMTS
Title:	High speed data 2
Country of registration:	
Application no.:	35240/95
Patent no.:	696802
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	High speed data 2
Country of registration:	
Application no.:	2200307
Notes:	
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name	Nekia Corporation
Company name:	Nokia Corporation
Project:	UMTS
Title:	High speed data 2
Country of registration:	
Application no.:	95195967.0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	High speed data 1
Country of registration:	
Application no.:	95932031
Countries applicable:	HK
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
Notes.	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	
	High speed data 2
Country of registration:	
Application no.:	944488, 971270
Patent no.:	
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL

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IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS High speed data 1 CN 95195966.2 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS High speed data 2 KR 701981 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS High speed data 2 SG 9701451-8 39164 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS High speed data 2 US 08/817331, 09/506735, CPA08/817331 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Delay control method CA 2325446 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes: Company name: Project: Title: Country of registration: Application no.: Patent no.:	99804786.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. Salbu Research & Development (pty) Ltd. UMTS Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Countries applicable:	CA
Company name: Project: Title: Country of registration: Notes:	Siemens UMTS TD-CDMA, W-CDMA n/a Siemens declared that it is completely committed to the ETSI IPR policy (Clause 6.1, "on fair, reasonable and non discriminatory terms and conditions") for any ETSI standard relating to the TD-CDMA proposal and the W-CDMA proposal.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Delay control method EPO 99913335.8 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Countries applicable: Notes:	Nokia Corporation UMTS High speed data 2 EPO 95932032 HK The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and arrangement for optimal scheduling of slotted-mode related measurements in a cellular radio system AU PCT/FI99/00927 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	Spreading code generator and CDMA communication system (UTRA)
Application no.:	96111548,2
Patent no.:	Pending
Countries applicable:	EPO
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	Spreading code generator and CDMA communication system (UTRA)
Application no.:	2.181.637
Patent no.:	Pending
Countries applicable:	CA
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	Spreading code generator and CDMA communication system (UTRA)
Application no.:	679.925
Patent no.:	Pending
Countries applicable:	US
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	Spreading code generator and CDMA communication system (UTRA)
Application no.:	96-30635
Patent no.:	Pending
Countries applicable:	KR
Company name:	OKI Electric Industry Co., Ltd.
Project:	UMTS
Title:	Spreading code generator and CDMA communication system (UTRA)
Application no.:	07-192062
Patent no.:	Pending
Countries applicable:	JP
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	OKI Electric Industry Co., Ltd. UMTS Saturation prevention system for radio telephone with open and close loop power control systems (UTRA) US 9609267,1 5.689.815 GB Pending for Japan, Korea, Canada and Great Britain.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	OKI Electric Industry Co., Ltd. UMTS Saturation prevention system for radio telephone with open and close loop power control systems (UTRA) US 2.175.749 5.689.815 CA Pending for Japan, Korea, Canada and Great Britain.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Notes:	OKI Electric Industry Co., Ltd. UMTS Saturation prevention system for radio telephone with open and close loop power control systems (UTRA) US 434.650 5.689.815 US Pending for Japan, Korea, Canada and Great Britain.

Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS High speed data 1 FI 944487, 971269 96557 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.:	OKI Electric Industry Co., Ltd. UMTS Saturation prevention system for radio telephone with open and close loop power control systems (UTRA) US 08-110634 5.689.815
Countries applicable: Notes:	JP Pending for Japan, Korea, Canada and Great Britain.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	Ericsson UMTS Mobile Assisted Handover Using CDMA SE PCT/US93/03412 WO 93/21739 AU, NZ, TW
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and arrangement for optimal scheduling of slotted-mode related measurements in a cellular radio system CN PCT/FI99/00927 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and arrangement for optimal scheduling of slotted-mode related measurements in a cellular radio system EPO PCT/FI99/00927 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

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Company name: Project: Title:	Nokia Corporation UMTS Method and arrangement for optimal scheduling of slotted-mode related measurements in a cellular radio system
Country of registration: Application no.: Notes:	FI 982432 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	11-318161 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and arrangement for optimal scheduling of slotted-mode related measurements in a cellular radio system US 09/435910 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method and arrangement for optimal scheduling of slotted-mode related measurements in a cellular radio system PCT PCT/FI99/00927 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS High speed data 1 AU 35239/95 701594 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS High speed data 1 CA 2200308 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title:	OKI Electric Industry Co., Ltd. UMTS Saturation prevention system for radio telephone with open and close loop power control systems (UTRA)
Country of registration: Application no.: Patent no.: Countries applicable: Notes:	
Company name:	Ericsson
Project:	UMTS
Title:	Calling Channel in CDMA Communications System
Country of registration:	SE
Application no.:	226,470
Patent no.:	US-5377183
Countries applicable:	AU, MX, NZ, TW, US
Company name:	Ericsson
Project:	UMTS
Title:	Transceiver Algorithms of Antenna Arrays
Country of registration:	SE
Application no.:	195,224
Patent no.:	US-5566209
Countries applicable:	US
Company name:	Ericsson
Project:	UMTS
Title:	Multiple Access Coding Using Bent Sequences for Mobile Radio Communications
Country of registration:	SE
Application no.:	291,693
Patent no.:	US-5550809
Countries applicable:	US
Company name:	Salbu Research & Development (pty) Ltd.
Project:	UMTS
Title:	Adaptive Communication System ODMA (enhancement to WBCDMA, TDCDMA)
Country of registration:	ZA
Application no.:	PI9503918
Patent no.:	ZA 94/10066
Countries applicable:	MY
Company name:	Ericsson
Project:	UMTS
Title:	TDMA/FDMA/CDMA Hybrid Radio Access Methods
Country of registration:	SE
Application no.:	179,954
Patent no.:	US-5539730
Countries applicable:	US, DE, IE, GB, FR, ZA, DK, ES, CH, BE, AT, GR, SE, IT, PT, NL, LU

Company name:	Ericsson
Project:	UMTS
Title:	System and Method for Joint Demodulation of CDMA Signals
Country of registration:	
Application no.:	155,557
Patent no.:	US-5506861
Countries applicable:	US, TW, GB, AU
Company name:	Ericsson
	UMTS
Project:	
Title:	Best Server Selection in Layered Cellular Radio System
Country of registration:	
Application no.:	090,734
Patent no.:	US-5499386
Countries applicable:	CO, US, TW, PH, ZA
Company name:	Ericsson
Project:	UMTS
Title:	Method and System for Channel Allocation using Power Control and Mobile Assisted
	Handover Measurements
Country of registration:	
Application no.:	207,032
Patent no.:	US-5491837
Countries applicable:	US, SG
Company name:	Ericsson
	UMTS
Project:	
Title:	Methods in a Cellular Mobile Radio Communications System
Country of registration:	SE
Application no.:	035,797
Patent no.:	US-5487174
Countries applicable:	AU, MX, NZ, TW, US
Countries applicable:	AU, MX, NZ, TW, US
Countries applicable: Company name:	
Countries applicable:	AU, MX, NZ, TW, US
Countries applicable: Company name:	AU, MX, NZ, TW, US Ericsson UMTS
Countries applicable: Company name: Project:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency
Countries applicable: Company name: Project: Title:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers
Countries applicable: Company name: Project: Title: Country of registration:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE
Countries applicable: Company name: Project: Title: Country of registration: Application no.:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762
Countries applicable: Company name: Project: Title: Country of registration: Application no.:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW Nokia Corporation
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Toipect: Company name: Project: Company name: Project:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW Nokia Corporation UMTS
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Company name: Project: Title:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW Nokia Corporation UMTS Shared channel signalling with training sequences in UTRA/TDD
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW Nokia Corporation UMTS Shared channel signalling with training sequences in UTRA/TDD NO
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Company name: Project: Title:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW Nokia Corporation UMTS Shared channel signalling with training sequences in UTRA/TDD NO 20011094
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW Nokia Corporation UMTS Shared channel signalling with training sequences in UTRA/TDD NO
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW Nokia Corporation UMTS Shared channel signalling with training sequences in UTRA/TDD NO 20011094 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW Nokia Corporation UMTS Shared channel signalling with training sequences in UTRA/TDD NO 20011094 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW Nokia Corporation UMTS Shared channel signalling with training sequences in UTRA/TDD NO 20011094 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW Nokia Corporation UMTS Shared channel signalling with training sequences in UTRA/TDD NO 20011094 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	AU, MX, NZ, TW, US Ericsson UMTS Method and Apparatus for Mobile Radio Communications having Switched Dual Frequency Synthesizers SE 159,956 US-5448762 GB, US Ericsson UMTS Random Access in Mobile Radio Telephone Systems SE 222,008 US-5430760 AU, MX, NZ, US, TW Nokia Corporation UMTS Shared channel signalling with training sequences in UTRA/TDD NO 20011094 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared

Company name:	Ericsson
Project:	UMTS
Title:	Method of Effecting Handover in a Mobile Multilayer cellular Radio System
Country of registration:	SE
Application no.:	901,075
Patent no.:	
	US-5392453
Countries applicable:	US, TW, SE, NL, MY, IT, GB, FR, DE, AU
Company name:	Ericsson
Project:	UMTS
Title:	System and Method for Setting of Output Power Parameters in a Cellular Mobile
	Telecommunications System
Country of registration:	
Application no.:	411,426
Patent no.:	US-5634195
Countries applicable:	US
••	
Company name:	Ericsson
Project:	UMTS
Title:	Fast Walsh Transform Processor
Country of registration:	SE
Application no.:	735,805
Patent no.:	US-5357454
Countries applicable:	US, TW, SG, GB, FR
Company name:	Ericsson
Project:	UMTS
Title:	Multiple Access Coding for Radio Communications
Country of registration:	SE
Application no.:	866,865
Patent no.:	US-5353352
Countries applicable:	AU, MX, NZ, TW, US
Company name:	Fricsson
Company name:	Ericsson
Project:	UMTS
Project: Title:	UMTS Adaptively Self-Correcting Modulation System and Method
Project: Title: Country of registration:	UMTS Adaptively Self-Correcting Modulation System and Method SE
Project: Title:	UMTS Adaptively Self-Correcting Modulation System and Method
Project: Title: Country of registration: Application no.:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087
Project: Title: Country of registration: Application no.: Patent no.:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016
Project: Title: Country of registration: Application no.:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087
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Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network
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Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Company name: Project: Title:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network SE 866,554 US-5345598 AU, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network SE 866,554 US-5345598 AU, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network SE 866,554 US-5345598 AU, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 162,948
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Patent no.: Patent no.:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network SE 866,554 US-5345598 AU, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 162,948 US-5341397
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network SE 866,554 US-5345598 AU, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 162,948
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Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Countries applicable:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network SE 866,554 US-5345598 AU, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 162,948 US-5341397 US Ericsson
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Countries applicable: Company name: Project: Title: Countries applicable:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network SE 866,554 US-5345598 AU, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 162,948 US-5341397 US Ericsson UMTS
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network SE 866,554 US-5345598 AU, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 162,948 US-5341397 US Ericsson UMTS Handover Method for Mobile Radio System
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Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network SE 866,554 US-5345598 AU, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 162,948 US-5341397 US Ericsson UMTS Handover Method for Mobile Radio System SE 071,356
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Patent no.:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network SE 866,554 US-5345598 AU, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 162,948 US-5341397 US Ericsson UMTS Handover Method for Mobile Radio System SE 071,356 US-5327577
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.:	UMTS Adaptively Self-Correcting Modulation System and Method SE 068,087 US-5351016 GB, AU, IT, MX, NZ, US Ericsson UMTS Duplex Power Control System in a Communications Network SE 866,554 US-5345598 AU, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 162,948 US-5341397 US Ericsson UMTS Handover Method for Mobile Radio System SE 071,356

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Company name:	Ericsson
Project:	UMTS
Title:	Diversity Radio Receiver Automatic Frequency Control
Country of registration:	
Application no.:	774,215
Patent no.:	US-5321850
Countries applicable:	US, TW, MX, GB
Company name:	Ericsson
Project:	UMTS Drivitization between Upredoff and New cell Degradate in a Callular Communications System
Title:	Prioritization between Handoff and New call Requests in a Cellular Communications System
Country of registration:	
Application no.:	804,604
Patent no.:	US-5301356
Countries applicable:	AU, DE, DK, ES, FR, AT, HK, IT, MX, NL, SE, TW, US, GB
Company name:	Nokia Corporation
Project:	UMTS
Title:	Shared channel signalling with training sequences in UTRA/TDD
Country of registration:	
Application no.:	00944086.8
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Project:	UMTS
Title:	Shared channel signalling with training sequences in UTRA/TDD
Country of registration:	
Application no.:	991534
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Nakia Corporation
Company name: Project:	Nokia Corporation UMTS
Title:	Shared channel signalling with training sequences in UTRA/TDD
Country of registration:	
Application no.:	2001-508078
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
	Ericsson
Company name: Project:	UMTS
Project: Title:	Navigation Assistance For Call Handling in Mobile Telephone Systems
Country of registration:	
Application no.: Patent no.:	118,179 US-5404376
Countries applicable:	AU, MX, NZ, US, TW
Soundies applicable.	

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Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Segmentation without continuation indicator CN PCT/FI99/00821 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a PCT/SE97/00203 EPO, NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Telia AB UMTS n/a 505 039 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 97904710.7 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 19984179 NO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Telia AB UMTS n/a 504 511 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.

	Telia AB
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	UMTS
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 95930765.3 EPO This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Telia AB UMTS n/a 505 006 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 9401948-6 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Application no.: Countries applicable: Notes:	Telia AB UMTS n/a 84193 JP This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Telia AB UMTS n/a 2265259 GB This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	Ericsson UMTS Method and System for Demodulation of Downlink CDMA Signals SE 187,062 US-5572552 US

Company name: Project: Country of registration: Patent no.: Countries applicable: Notes:	Telia AB UMTS n/a 507 640 SE This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become, Essential IPRs in relation to ETSI Standards.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	Ericsson UMTS Automatic Retransmission Request SE 332,114 US-5633874 US
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Segmentation without continuation indicator EPO 99947498.4 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Segmentation without continuation indicator FI 982167 106504 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Segmentation without continuation indicator PCT PCT/FI99/00821 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Shared channel signalling with training sequences in UTRA/TDD AU 58322/00 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Ericsson
Project:	UMTS
Title:	Method and Apparatus for Concatenated Coding of Mobile Radio Signals
Country of registration:	SE
Application no.:	678,314
Patent no.:	US-5742619
Countries applicable:	US
countries applicable.	03
Company name:	Ericsson
	UMTS
Project:	
Title:	Bandwidth Allocation
Country of registration:	SE
Application no.:	544,490
Patent no.:	US-5729531
Countries applicable:	US
Company name:	Ericsson
Project:	UMTS
Title:	Mobile Assisted Handoff
Country of registration:	SE
Application no.:	354,779
Patent no.:	US-5701585
Countries applicable:	US
countries applicable.	03
Company name:	Ericsson
Project:	UMTS
Title:	Method and Apparatus for Spread Spectrum Channel Estimation
	SE
Country of registration:	
Application no.:	504,339
Patent no.:	US-5677930
Countries applicable:	US
<u></u>	
Company name:	Ericsson
Project:	UMTS
Title:	Navigation Assistance for Call Handling in Mobile Telephone Systems
Country of registration:	SE
Country of registration: Application no.: Patent no.:	SE 384,334 US-5670964
Application no.:	384,334
Application no.: Patent no.:	384,334 US-5670964 US
Application no.: Patent no.:	384,334 US-5670964
Application no.: Patent no.: Countries applicable: Company name:	384,334 US-5670964 US
Application no.: Patent no.: Countries applicable:	384,334 US-5670964 US Ericsson
Application no.: Patent no.: Countries applicable: Company name: Project: Title:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135 US-5517674
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135 US-5517674
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Countries applicable:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135 US-5517674 US
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135 US-5517674 US
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Company name: Project: Country of registration:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135 US-5517674 US Telia AB UMTS n/a
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Countries applicable:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135 US-5517674 US Telia AB UMTS n/a 0561735
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Countries applicable: Company name: Project: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135 US-5517674 US Telia AB UMTS n/a 0561735 BE, CH, LI, DE, FR, NL
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Countries applicable:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135 US-5517674 US Telia AB UMTS n/a 0561735 BE, CH, LI, DE, FR, NL This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Countries applicable: Company name: Project: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135 US-5517674 US Telia AB UMTS n/a 0561735 BE, CH, LI, DE, FR, NL This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Countries applicable: Company name: Project: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135 US-5517674 US Telia AB UMTS n/a 0561735 BE, CH, LI, DE, FR, NL This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to ETSI Standards it is the belief of Telia AB that the following IPRs are, or are likely to become,
Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Countries applicable: Company name: Project: Country of registration: Patent no.: Country of registration: Project: Country of registration: Patent no.: Country of registration: Patent no.: Country of registration: Patent no.:	384,334 US-5670964 US Ericsson UMTS Dynamic Control of Transmitting Power at a Transmitter and Attenuation at a Receiver SE 061,043 US-5669066 AU, US, PK, TR, TW, MX, ZA Ericsson UMTS Low Capacity Mobile Assisted Handoff in a Cellular Communications Network SE 103,135 US-5517674 US Telia AB UMTS n/a 0561735 BE, CH, LI, DE, FR, NL This statement is made 10 February 1999 by Telia AB, a Member of ETSI. In accordance with the ETSI Interim IPR Policy, Article 4.1. Telia AB hereby inform ETSI that with reference to

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Company name:	Ericsson
Project:	UMTS
Title:	Method for Regulating Power in a Digital Mobile Telephony System
Country of registration:	
Application no.:	712,930
Patent no.:	US-5241690
Countries applicable:	HK, AU, BE, BR, CH, CN, DE, DK, ES, FR, AT, GR, US, IT, KR, LU, MX, MY, NL, NZ, SE,
Countries applicable.	
	SG, TW, GB
Company name:	Nokia Corporation
Project:	UMTS
Title:	Shared channel signalling with training sequences in UTRA/TDD
Country of registration:	US
Application no.:	PCT/FI00/00614
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
110163.	informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
	listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
	to grant irrevocable licences under the IPRs on terms and conditions which are in accordance
	with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the
	IPRs remain ESSENTIAL.
Company name:	Ericsson
Project:	UMTS
Title:	Direct Sequence CDMA Coherent Uplink Detector
Country of registration:	
Application no.:	235.527
	/ -
Patent no.:	US-5544156
Countries applicable:	US, NZ, SG
	Ericsson
Company name:	
Project:	UMTS
Project: Title:	UMTS TDMA for Mobile Access in a CDMA System
Project: Title: Country of registration:	UMTS TDMA for Mobile Access in a CDMA System
Project: Title:	UMTS TDMA for Mobile Access in a CDMA System
Project: Title: Country of registration:	UMTS TDMA for Mobile Access in a CDMA System SE
Project: Title: Country of registration: Application no.: Patent no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152
Project: Title: Country of registration: Application no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153 AU, MX, NZ, TW, US
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153 AU, MX, NZ, TW, US
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153 AU, MX, NZ, TW, US Nokia Corporation UMTS
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Company name: Project: Title:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153 AU, MX, NZ, TW, US Nokia Corporation UMTS Method for routing CN PDUS in 3G networks
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153 AU, MX, NZ, TW, US Nokia Corporation UMTS Method for routing CN PDUS in 3G networks PCT
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153 AU, MX, NZ, TW, US Nokia Corporation UMTS Method for routing CN PDUS in 3G networks PCT PCT/FI99/00522
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Countries applicable:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153 AU, MX, NZ, TW, US Nokia Corporation UMTS Nokia Corporation UMTS Method for routing CN PDUS in 3G networks PCT PCT/FI99/00522 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153 AU, MX, NZ, TW, US Nokia Corporation UMTS Nokia Corporation UMTS Nokia Corporation UMTS Method for routing CN PDUS in 3G networks PCT PCT/FI99/00522 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153 AU, MX, NZ, TW, US Nokia Corporation UMTS Method for routing CN PDUS in 3G networks PCT PCT/FI99/00522 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
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Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153 AU, MX, NZ, TW, US Nokia Corporation UMTS Method for routing CN PDUS in 3G networks PCT PCT/FI99/00522 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared
Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Patent no.: Countries applicable: Company name: Project: Title: Country of registration: Application no.: Project: Title: Country of registration: Application no.:	UMTS TDMA for Mobile Access in a CDMA System SE 866,579 US-5295152 AU, MX, NZ, TW, US Ericsson UMTS CDMA Frequency Allocation SE 868,038 US-5295153 AU, MX, NZ, TW, US Nokia Corporation UMTS Method for routing CN PDUS in 3G networks PCT PCT/FI99/00522 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance

Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for routing CN PDUS in 3G networks US 09/719586 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for routing CN PDUS in 3G networks JP 2000-555452 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Patent no.: Notes:	Nokia Corporation UMTS Method for routing CN PDUS in 3G networks FI 981398 106830 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for routing CN PDUS in 3G networks EPO 99931296.0 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Application no.: Notes:	Nokia Corporation UMTS Method for routing CN PDUS in 3G networks CN 99807410.1 The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project:	Nokia Corporation UMTS
Title:	Method for routing CN PDUS in 3G networks
Country of registration:	BR
Application no.:	PI9911304-0
Notes:	The SIGNATORY has notified ETSI that it is the proprietor of the above listed IPRs and has informed ETSI that it believes that the IPRs may be considered ESSENTIAL to the Standards listed above. The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name:	Nokia Corporation
Company name: Project:	Nokia Corporation UMTS
	UMTS Shared channel signalling with training sequences in UTRA/TDD
Project: Title: Country of registration:	UMTS Shared channel signalling with training sequences in UTRA/TDD PCT
Project: Title:	UMTS Shared channel signalling with training sequences in UTRA/TDD

UMTS/CDMA

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5588020 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM US 6049535 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM US 6157619 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM ZA 96/5340 ZA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM CA 2091784 CA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM CA 2091785 CA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM EPO 514539 EPO The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM EPO 515675 EPO The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM IN 181867 IN The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5351269 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5224120 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5703874 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5367533 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5263045 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM US 6212174 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM US 5748687 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5179572 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.:	5228056 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM
Countries applicable: Notes:	US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5469468 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM PK 135344 PK The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM SYSTEM AND METHOD TW 79369 TW The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA CDMA/TDMA SPREAD-SPECTRUM COMMUNICATIONS SYSTEM AND METHOD US 5260967 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM SYSTEM AND METHOD US 5574747 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM SYSTEM AND METHOD US 5835527 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA ADAPTIVE POWER CONTROL FOR A SPREAD SPECTRUM TRANSMITTER US 5631921 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA CDMA/TDMA SPREAD-SPECTRUM COMMUNICATIONS SYSTEM AND METHOD US RE. 35,402 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA ADAPTIVE POWER CONTROL FOR A SPREAD SPECTRUM TRANSMITTER US 5535238 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA ADAPTIVE POWER CONTROL FOR A SPREAD SPECTRUM TRANSMITTER US 5299226 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	AP681 Aripo The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM US 5796776 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM n/a 96/0050 n/a The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM US 6215778 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM PK 136510 PK The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM PK 136521 PK The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM TW NI-090280 TW The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA ADAPTIVE POWER CONTROL FOR A SPREAD SPECTRUM TRANSMITTER CA 2091783 CA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM US 5799010 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5161168 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM US 5991329 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes: Company name:	InterDigital Technology Corp. UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM US 5991332 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	UMTS/CDMA BROADBAND CODE DIVISION MULTIPLE ACCESS IN A COMMUNICATION SYSTEM
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM CDMA SUBTRACTIVE INTERFERENCE CANCELER SYSTEM NZ 314383 NZ The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM MULTIPATH RECEIVER APPARATUS AND METHOD
Patent no.: Countries applicable: Notes:	CA 2091782 CA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Patent no.: Countries applicable:	2091782 CA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM MULTIPATH RECEIVER APPARATUS AND METHOD US 5081643 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM CELLULAR HANDOFF APPARATUS AND METHOD US 5179571 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM CELLULAR HANDOFF APPARATUS AND METHOD US 5345467 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA HIGH CAPACITY SPREAD SPECTRUM CHANNEL US 5166951 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5365544 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM CDMA SUBTRACTIVE INTERFERENCE CANCELER SYSTEM JP 3153894 JP The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA TRANSMISSION USING AN ANTENNA ARRAY IN A CDMA COMMUNICATION SYSTEM US 6115406 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM MULTIPATH RECEIVER APPARATUS AND METHOD AR 252826 AR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM CDMA SUBTRACTIVE INTERFERENCE CANCELER SYSTEM NZ 290723 NZ The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM CDMA SUBTRACTIVE INTERFERENCE CANCELER SYSTEM US 5363403 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company nome	
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM CDMA SUBTRACTIVE INTERFERENCE CANCELER SYSTEM US 5553062 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project:	InterDigital Technology Corp. UMTS/CDMA
Title: Country of registration: Patent no.: Countries applicable:	SPREAD SPECTRUM SYSTEM AND METHOD
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA CDMA/TDMA SPREAD-SPECTRUM COMMUNICATIONS SYSTEM AND METHOD US 5410568 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM CDMA SUBTRACTIVE INTERFERENCE CANCELER SYSTEM US 6014373 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM CDMA SUBTRACTIVE INTERFERENCE CANCELER SYSTEM AU 701816 AU The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Project: Title: Country of registration: Patent no.: Countries applicable:	UMTS/CDMA SPREAD SPECTRUM CDMA SUBTRACTIVE INTERFERENCE CANCELER SYSTEM AU 701816 AU The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL. InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM SYSTEM AND METHOD

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5663956 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5974039 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA OVERLAYING SPREAD SPRECTRUM CDMA COMMUNICATIONS SYSTEM US 5274665 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA ADAPTIVE POWER CONTROL FOR A SPREAD SPECTRUM TRANSMITTER AR 252087 AR The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA ADAPTIVE POWER CONTROL FOR A SPREAD SPECTRUM TRANSMITTER US 5093840 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA ADAPTIVE POWER CONTROL FOR A SPREAD SPECTRUM TRANSMITTER EPO 515610 EPO The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM SYSTEM AND METHOD US 5563907 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM SYSTEM AND METHOD US 5920590 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM SYSTEM AND METHOD US 6175586 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM SYSTEM AND METHOD US 5995538 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA SPREAD SPECTRUM SYSTEM AND METHOD ZA 95/10969 ZA The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA A METHOD OF CONTROLLING INITIAL POWER RAMP-UP IN CDMA SYSTEMS BY USING SHORT CODES US 5841768 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA A METHOD OF CONTROLLING INITIAL POWER RAMP-UP IN CDMA SYSTEMS BY USING SHORT CODES US 6181949 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA MULTI-CHANNEL VITERBI DECODER US 6005898 US The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.
Company name: Project: Title: Country of registration: Patent no.: Countries applicable: Notes:	InterDigital Technology Corp. UMTS/CDMA ADAPTIVE POWER CONTROL FOR A SPREAD SPECTRUM TRANSMITTER SG 43891 SG The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licenses under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

Company name:	Marconi Communications Ltd.
Project:	VDSL
Title:	High Speed digital subscriber lines
Country of registration: Application no.:	GB94 / 02492 Pending
ETSI Deliverable:	TS 101 270-2
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
10100.	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Marconi Communications Ltd.
Project:	VDSL
Title:	High speed digital subscriber lines
Country of registration:	
Application no.: Patent no.:	94307769.3 0653859
Countries applicable:	FR, ES, IT, SE
ETSI Deliverable:	TS 101 270-2
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Marconi Communications Ltd.
Project:	VDSL
Title:	High speed digital subscriber lines
Country of registration: Application no.:	94307769.3
Patent no.:	P.69416641.3
Countries applicable:	DE
ETSI Deliverable:	TS 101 270-2
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Marconi Communications Ltd.
Project:	VDSL
Title:	High speed digital subscriber lines
Country of registration:	
Application no.:	08 / 334 838
Patent no.:	5668802
Countries applicable:	US
ETSI Deliverable:	TS 101 270-2
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant
	irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs
	remain ESSENTIAL.
Company name:	Marconi Communications Ltd.
Project:	VDSL
Title:	High speed digital subscriber lines
Country of registration:	
Application no.:	81494 / 94
Patent no.:	688814
Countries applicable:	AU TS 101 370 3
ETSI Deliverable:	TS 101 270-2
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with
	Clause 6.1 of the FTSI IPR Policy in respect of the STANDARD to the extent that the IPRs
	Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.

	Maraani Communicationa Ltd	
Company name:	Marconi Communications Ltd.	
Project:	VDSL	
Title:	High speed digital subscriber lines	
Country of registration:	GB	
Application no.:	9421751.0	
Patent no.:	2283879	
Countries applicable:	GB	
ETSI Deliverable:	TS 101 270-2	
Notes:	The SIGNATORY and/or its AFFILIATES hereby declare that they are prepared to grant irrevocable licences under the IPRs on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy, in respect of the STANDARD, to the extent that the IPRs remain ESSENTIAL.	

3.2 Other declarations

Deutsche Telekom AG:	has informed ETSI that it does not own, or control, any IPRs which are Essential, or potentially Essential to the ETSI GSM Standards.
Motorola:	has informed ETSI that it has not identified any Motorola IPRs Essential to the DECT Standards at this time.
Siemens AG:	has informed ETSI that it does not own any IPRs which are or are likely to become Essential IPRs in the Adaptive Multi-Rate (AMR) speech codec (GSM Standard).
Vyyo Inc.:	has informed ETSI that it does not have any essential IPRs in relation to ES 201 488 V1.1.1.

History

Document history		
Edition 1	July 1996	Publication as ETR 314
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V1.6.1	August 2001	Publication