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

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Foreword

This ETSI Technical Report (ETR) has been produced by the Secretariat of the European Telecommunications Standards Institute (ETSI) on the basis of the ETSI Interim IPR policy, adopted by the ETSI General Assembly on 23 November 1994.

This ETR identifies, patents and patent applications which have been notified to ETSI as being Essential, or Potentially Essential, to ETSI Standards.

This ETR 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 Interim IPR policy).

This ETR 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 ETR, or any additional information concerning Essential IPRs, of which readers of this ETR become aware, should be notified to the ETSI Secretariat.

ETRs are informative documents resulting from ETSI studies which are not appropriate for being issued as European Telecommunication Standard (ETS) or Interim European Telecommunication Standard (I-ETS). An ETR may be used to publish material which is either of an informative nature, relating to the use or the application of ETSs or I-ETSs, or which is immature and not yet suitable for formal adoption as an ETS or an I-ETS.

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1 Scope

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

2 Definitions and abbreviations

2.1 Definitions

The terms "Essential", "IPR" and "Standard" given below are defined in the "Definitions" annex of the ETSI Interim 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 1: 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 thereof 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 Telecommunication Standards (ETs), Interim ETs (I-ETs) and parts of Norme Européennes des Télécommunications (NETs), Common Technical Regulations (CTRs) which are taken from ETS, I-ETS or Technical Basis for Regulation (TBR), and including drafts of the foregoing, 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.

NOTE 2: In practical terms, under the regime in force at the time of publication of this ETR, the ETSI deliverables applicable under this definition are:

- Technical Bases for Regulation (TBRs),
- European Telecommunication Standards (ETs),
- Interim - European Telecommunication Standards (I-ETs),
- Technical Specifications (TSs).

Also, the date on which the technical specification was available to members should be considered as:

- for TBRs, ETs and I-ETS: the start date of the first Public Enquiry;
- for TSs: the date of publication by ETSI.

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 Interim 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 subclause 6.1 of the ETSI Interim IPR Policy
GSM Standards:	All standards issued by ETSI in relation to the European Cellular Digital system - Global System for Mobile Communication (GSM).
DCS 1800 Standards:	All standards issued by ETSI in relation to the European Cellular Digital system - Global System for Mobile Communication - DCS 1800 extensions.
DECT Standards:	All standards issued by ETSI in relation to the Digital European Cordless Telephone (DECT) system, also known as Digital Enhanced Cordless Telephone (DECT) system.
DECT/GSM interworking:	All standards issued by ETSI in relation to interworking between the DECT and GSM systems.
ERMES Standards:	All standards issued by ETSI in relation to the European Radio MESSaging System (ERMES).
TETRA Standards:	All standards issued by ETSI in relation to the Trans-European Trunked Radio (TETRA) system.

2.2 Abbreviations

For the purposes of this ETR, the following abbreviations apply:

AU	Australia
BE	Belgium
BG	Bulgaria
BR	Brazil
CA	Canada
CH	Switzerland
CN	China
CZ	Czech Republic
DE	Germany
DK	Denmark
EP	European
EPC	European Patent Convention
ES	Spain
FI	Finland
FR	France
GR	Greece
HU	Hungary
IE	Ireland
IPC	International Patent Convention
IT	Italy
JP	Japan
KR	South Korea
LI	Liechtenstein
LU	Luxembourg
MC	Monaco
NL	Netherlands
NO	Norway
NZ	New Zealand
PCT	Patent Co-operation Treaty

PL	Poland
RO	Romania
RU	Russia
SE	Sweden
SK	Slovak Republic
SU	Soviet Union (former USSR)
US	United States of America

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 this ETR, then licences in respect of such rights will not be covered by the Licensing Declarations.

The Licensing Declarations given for the IPRs listed in this ETR are subject to the condition that those who seek the licence agree to reciprocate.

Annex A: Notifications in respect of GSM standards

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 subclause 6.1 of the ETSI Interim IPR Policy.

Table A.1: Notified IPRs for GSM

Company	Country	Application No.	Patent number(s)	Relevant GSM TS
AT&T (see Note 1)	Canada		1 181 854 The title supplied is: Digital Speech Coder.	
AT&T	France		8 219 772	
AT&T	Germany		3 244 476	
AT&T	United Kingdom		2 110 906	
AT&T	Japan		1 332 758	
AT&T	Sweden		Published 456 618	
AT&T	Sweden		4 674 298-6	
AT&T	United States		RE 32 580	
AT&T	Belgium		0 175 752 The title supplied is: Multipulse LPC Speech Processing Arrangement.	
AT&T	Canada		1 222 568	
AT&T	France		0 175 752	
AT&T	Germany		3 575 624	
AT&T	United Kingdom		0 175 752	
AT&T	Netherlands		0 175 752	
AT&T	Sweden		0 175 752	
AT&T	USA		4 701 954	
AT&T	USA		5 278 890 The title supplied is: Paging Arrangements in a Cellular Mobile Switching System.	
AT&T	USA		5 396 543 The title supplied is: Signalling Arrangements in a Cellular Mobile Telecoms Switching System.	
AT&T	USA		5 278 179 The title supplied is: Maintaining Stable Virtual Circuit Data Connections with Spare Protocol Handler.	
AT&T	USA		5 309 501 The title supplied is: Arrangement for Detecting Fraudulently Identified Mobile Stations in a Cellular Mobile Telecommunications Switching System.	
			(continued)	

Table A.1 (continued): Notified IPRs for GSM

Company	Country	Application No.	Patent number(s)	Relevant GSM TS
AT&T	USA		5 329 573 The title supplied is: Arrangement for Obtaining Authentication Key Parameters in a Cellular Mobile Telecommunications Switching Network.	
BT	PCT	PCT/GB 94/01999 Published - 23/03/95 - WO 95/08170 (AU, BG, BR, CA, CN, CZ, EP, FI, HU, JP, KR, NO, NZ, PL, RO, RU, SK, USA). The priorities claimed for the identified patent applications are European 93307211.8 dated 14th September 1993, UK 9324967.0 dated 6th December 1993, and UK 9412451.8 dated 21st June 1994; The BT contact is: BT Group Legal Services, Intellectual Property Unit, 151 Gower Street, London WC1E 6BA (Tel: +44 171 728 7230; Fax No: +44 171 728 7849).		BT have stated that the identified patent applications may be relevant to the half rate GSM voice activity detector described in ETS 300 581-6 and ETS 300 580-7;
BT	India	890/MAS/94 (Filed 13-09-94)		
BT	Malaysia	PI 9402448 (Filed 14-09-94)		
BT	USA	158 852 (Filed 29-11-93)		
BT	USA	232 475 (Filed 25-APR-94)		
CP8 Transac (See Note 2)	France		2 392 447 - CP8 Ref: 2019	
CP8 Transac	France		2 389 284 - CP8 Ref: 2038	
CP8 Transac	France		2 401 459 - CP8 Ref: 2141	
CP8 Transac	France		2 460 506 - CP8 Ref: 2267	
CP8 Transac	France		2 483 713 - CP8 Ref: 2269	
CP8 Transac	France		2 477 344 - CP8 Ref: 2398	
CP8 Transac	France		2 480 539 - CP8 Ref: 2410	
CP8 Transac	France		2 483 657 - CP8 Ref: 2415	
CP8 Transac	France		2 530 053 - CP8 Ref: 2512	
CP8 Transac	France		2 566 880 - CP8 Ref: 2619	
Lupa Finances (see Note 3)	Switzerland	6127/81		
Lupa Finances	EPC		Published A1-0 075 120 (AT, BE, DE, FR, GB, IT, LU, NL, SE)	
Matra	France	89 05 469		GSM 04.08 and 05.10
Matra	France	90 10 485		GSM 04-08 version 4.9.0
Motorola	Denmark	1852/89		Applies broadly to GSM.
Motorola	Denmark	4381/89		GSM 06.20
Motorola	Denmark	6161/87		GSM 05.01
Motorola	Denmark	859/86		Applies broadly to GSM.
Motorola	Denmark		Published 129 884	GSM 04.08
Motorola	Denmark		Published 165 273	GSM 05.08
Motorola	Denmark		Published 170 082	GSM 04.08
Motorola	Denmark		Published 170 085	GSM 04.08
Motorola	EPC	88306565.8		Applies broadly to GSM
Motorola	EPC	90 906636.7		Applies broadly to GSM

(continued)

Table A.1 (continued): Notified IPRs for GSM

Company	Country	Application No.	Patent number(s)	Relevant GSM TS
Motorola	EPC		EP B1 0115 499 (FR, GB, NL, SE)	GSM 04.08
Motorola	EPC		EP B1 0115 507 (CH, DE, FR, GB, NL, LI, SE)	GSM 04.08
Motorola	EPC		EP B1 0179 898 (AT, BE, CH, FR, GB, LU, IT, NL, SE)	GSM 03.02
Motorola	EPC		EP B1 0188 554 (AT, BE, CH, DE, FR, GB, IT, NL, SE).	Applies broadly to GSM.
Motorola	EPC		EP B1 0269 643 (AT, BE, CH, LI, FR, GB, IT, LU, NL, SE)	GSM 05.08
Motorola	EPC		EP 0 310 876 (AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE)	Applies broadly to GSM.
Motorola	EPC		Published A1-0 398 911 (AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE)	Applies broadly to GSM.
Motorola	EPC		Published A1-0538546 (AT, BE, CH, DE, FR, GB, IT, LU, NL, SE)	GSM 05.01
Motorola	EPC		Published A1-0556354 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE)	GSM 06.20
Motorola	EPC		Published A2-0 318 686 (AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE)	Applies broadly to GSM.
Motorola	EPC		Published A2-0 325 713 (AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE)	GSM 04.08
Motorola	EPC		Published A2-0 332 818 (AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE)	GSM 05.08
Motorola	EPC		Published A2-0 343 189 (AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE)	Applies broadly to GSM.
Motorola	EPC		Published A2-0 352 786 (AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SW)	Applies broadly to GSM.
Motorola	EPC		Published A2-0255628 (AT, BE, CH, DE, ES, FR, GB, IT, LU, NL, SE)	GSM 05.08
Motorola	EPC		Published B1 0261 112 (AT, BE, CH, DE, FR, GB, IT, LU, NL, SE)	GSM 05.01
Motorola	EPC		Published A2-0412583 (AT, BE, CH, DE, FR, GB, IT, LU, NL, SE)	GSM 05.01
Motorola	EPC		Published A4-0496829 (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE)	GSM 06.20
Motorola	EPC		Published B1-0261127 (AT, BE, CH, DE, FR, GB, IT, LI, NL, SE)	GSM 05.01
Motorola	EPC		Published B1-0372008 (AT, BE, CH, DE, FR, GB, IT, LU, NL, SE)	GSM 06.20
Motorola	Finland	89 2678		Applies broadly to GSM.
Motorola	Finland	894151		GSM 06.20
Motorola	Finland	91 5002		Applies broadly to GSM.
Motorola	Finland		79 768.	Applies broadly to GSM.
Motorola	Finland		86 122	GSM 05.01
Motorola	Finland		97 712	Applies broadly to GSM.
Motorola	Finland		Published 8 901 276	GSM 05.08
Motorola	Finland		Published 88 5520	GSM 04.08
Motorola	France		9202058 (21/02/92)	Applies broadly to GSM.

(continued)

Table A.1 (continued): Notified IPRs for GSM

Company	Country	Application No.	Patent number(s)	Relevant GSM TS
Motorola	France		Published 9401450	GSM 06.20
Motorola	France		Published 2706064	GSM 06.20
Motorola	France		Published 2709366	GSM 06.20
Motorola	France		Published 2709387	GSM 06.20
Motorola	Germany	P 4492048.2		GSM 06.20
Motorola	Germany		P 3 382 094.5	GSM 04.08
Motorola	Germany		P 3 787 788	GSM 05.08
Motorola	Germany		P 4105884.4	Applies broadly to GSM.
Motorola	Germany		P. 28 06 178	Applies broadly to GSM.
Motorola	Germany		P. 3 382 107.0	GSM 03.02
Motorola	Germany	P 4491015T1		GSM 06.20
Motorola	Ireland	2029/89		Applies broadly to GSM.
Motorola	Italy		1 168 619	GSM 04.08
Motorola	Italy		1 168 620	GSM 04.08
Motorola	Norway	874685		GSM 05.01
Motorola	Norway	892094		Applies broadly to GSM.
Motorola	Norway	893202		GSM 06.20.
Motorola	Norway	PCT/US 90/01829		Applies broadly to GSM.
Motorola	Norway		168 079	GSM 04.08
Motorola	Norway		169 415	GSM 04.08
Motorola	Norway		169 810.	Applies broadly to GSM.
Motorola	Norway		173 799	GSM 04.08
Motorola	United Kingdom	9422823.6		GSM 06.20
Motorola	United Kingdom	9420077.1		GSM 06.20
Motorola	United Kingdom		1 573 560	Applies broadly to GSM.
Motorola	Sweden	9403630-8		GSM 06.20
Motorola	Sweden	9404086		GSM 06.20
Nokia	United Kingdom	GB 9512284	Note: 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 the EFR codec for the GSM Standard.	
Nokia	Canada	010 830 (Filed 23-FEB-90)		
Orbitel	United Kingdom		GB 2 215 567 The title supplied is: Improvements in, or relating to, Equalisers.	

(continued)

Table A.1 (concluded): Notified IPRs for GSM

Company	Country	Application No.	Patent number(s)	Relevant GSM TS
Orbitel	United Kingdom		GB 2 233 517 The title supplied is: Transmitter Power Control for Radio Telephone System.	
Orbitel	United Kingdom		GB 2 233 846 The title supplied is: Reciever Gain	
Orbitel	United Kingdom		GB 2 251 768 The title supplied is: Power Booster.	
Philips	Germany		DE-PS 32 09 381	
Philips	EPC		EP 0 073 014 B1	
Philips	EPC		EP 0 111 970 B1	
Philips	EPC		EP 0 111 971 B1	
Philips	EPC		EP 0 111 972 B1	
Philips	EPC		EP 0 111 973 B1	
Philips	Germany		DE-PS 34 10 937	
Philips	EPC		EP 0 195 487 B1	
Philips	EPC		EP 0 201 126 B1	
Philips	EPC		EP 0 240 073 B1	
Telia AB	EPC	91903207.8		
Telia AB	EPC	91916715.5		
Telia AB	EPC	92850263.2		
Telia AB	EPC	92850286.3		
Telia AB	EPC	92850035.2		
Telia AB	EPC	94900333.9		
Telia AB	EPC	94904363.2		
Telia AB	EPC	94850095.4		
Telia AB	PCT	PCT/SE 95/00850		
Telia AB	EPC	95850184.3		
NOTE 1:	<p>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.</p> <p>AT&T have stated that Licensing enquiries 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.</p>			
NOTE 2:	<p>CP8 Transac have stated that:</p> <ul style="list-style-type: none"> - 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); - all of the listed patents relate to GSM 02.09, GSM 03.20 and GSM 11.11; - 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 Organization (ISO), which is mentioned in the introduction to ISO Standard 7816, to grant non-exclusive, non-transferable, 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 (e.g. 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 above schedule. 			
NOTE 3:	<p>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.</p>			

A.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.

Annex B: Notifications in respect of DCS 1800 standards

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 subclause 6.1 of the ETSI Interim IPR Policy.

Table B.1: Notified IPRs for DCS 1800

Company	Country	Application No.	Patent number(s)	Relevant GSM TS
Philips	Germany		DE-PS 32 09 381	
Philips	EPC		EP 0 073 014 B1	
Philips	EPC		EP 0 111 970 B1	
Philips	EPC		EP 0 111 971 B1	
Philips	EPC		EP 0 111 972 B1	
Philips	EPC		EP 0 111 973 B1	
Philips	Germany		DE-PS 34 10 937	
Philips	EPC		EP 0 195 487 B1	
Philips	EPC		EP 0 201 126 B1	
Philips	EPC		EP 0 240 073 B1	

Annex C: Notifications in respect of DECT standards

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 subclause 6.1 of the ETSI Interim IPR Policy.

Table C.1: Notified IPRs for DECT

Company	Country	Application No.	Patent number(s)	Relevant ETS
Telia AB	EPC	94902147.1		
Telia AB	EPC	95850001.9		
Telia AB	EPC	95850041.5		
Telia AB	PCT	PCT/SE95/00259		
Telia AB	PCT	PCT/SE95/00610		
Telia AB	PCT	PCT/SE95/00845		
Telia AB	PCT	PCT/SE95/00846		
Telia AB	PCT	PCT/SE95/00998		

C.2 Other Declarations

Motorola: has informed ETSI that it has not identified any Motorola IPRs Essential to the DECT Standards at this time.

Annex D: Notifications in respect of DECT/GSM Interworking standards

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 subclause 6.1 of the ETSI Interim IPR Policy.

Table D.1: Notified IPRs for DECT/GSM Interworking

Company	Country	Application No.	Patent number(s)	Relevant ETS
Telia AB	SE	9500407-3		
Telia AB	SE	9500408-1		

Annex E: Notifications in respect of ERMES standards

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 subclause 6.1 of the ETSI Interim IPR Policy.

Table E.1: Notified IPRs for ERMES standards

Company	Country	Application No.	Patent number(s)	Relevant ETS
Motorola	EPC		EP 0 090 851 The title supplied is: Decoder for Transmitted Message Activation Codes.	
Motorola	EPC	EP 89909668.9 The title supplied is: Multiple Frequency Message System.		
Motorola	EPC	EP 89913131.2 The title supplied is: Power Conservation Method and Apparatus for a Portion of an Information Signal.		
Motorola	EPC	EP 92901376.1 The title supplied is: Multiple Format Signalling Protocol for a Selective Call Receiver.		
Motorola	EPC	EP 90915018.7 The title supplied is: Nationwide Paging with Local Modes of Operation.		
Motorola	EPC	EP 91904526.0 The title supplied is: Multiple Frequency Scanning.		

Annex F: Notifications in respect of TETRA standards

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 subclause 6.1 of the ETSI Interim IPR Policy.

Table F.1: Notified IPRs for TETRA standards

Company	Country	Application No.	Patent number(s)	Relevant ETS
Motorola	EPC	89901513.5 (AT, BE, FR, DE, GB, IT, LU, NL, SE, CH)		
Motorola	EPC	89101118.1 (AT, BE, FR, DE, GB, GR, IT, LI, LU, NL, ES, SE, CH)		
Motorola	EPC	93922524.9 (AT, DK, DE, GB, ES, SE)		
Motorola	Finland	943189		
Motorola	Hungary	P9401972		
Motorola	Poland	P-304341		
Motorola	Romania	94-01115		
Motorola	Russia	94035751.0		
Motorola	Turkey		28221	
Motorola	EPC		EP 0 210 181 (AT, BE, FR, GB, DE (P3584248.2), IT, NL, SE, CH)	
Motorola	EPC		EP 0 352 786 (AT, BE, FR, DE (P68912672.7), GB, GR, IE, IT, LU, NL, ES, SE, CH)	
Motorola	EPC		EP 0 269 643 (AT, BE, DK, DE (P3787788.7), FR, GB, IT, NL, SE, CH)	
Motorola	UK	GB9119186.6		

Annex G: Notifications in respect of other standards

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 subclause 6.1 of the ETSI Interim IPR Policy.

Table G.1: Notified IPRs for other standards

Company	Country	Application No.	Patent number(s)	Relevant ETS
AT&T	Canada		1,225,726 The title supplied is: transmission during ringing.	ETS 300 659-1
AT&T	USA		4,582,956 The title supplied is: transmission during ringing.	ETS 300 659-1
AT&T	Belgium		0,150,181 The title supplied is: transmission during ringing.	ETS 300 659-1
AT&T	France		0,150,181 The title supplied is: transmission during ringing.	ETS 300 659-1
AT&T	Great Britain		0,150,181 The title supplied is: transmission during ringing.	ETS 300 659-1
AT&T	Japan		1,832,616 The title supplied is: transmission during ringing.	ETS 300 659-1
AT&T	Netherlands		0,150,181 The title supplied is: transmission during ringing.	ETS 300 659-1
AT&T	Sweden		0,150,181 The title supplied is: transmission during ringing.	ETS 300 659-1
AT&T	Germany		3,376,377 The title supplied is: transmission during ringing.	ETS 300 659-1
AT&T	IPC		WO 85/00488) (AT, AU, BE, BR, CH, DE, DK, FI, FR, GB, JP, LU, NL, NO, SE, SU) The title supplied is: transmission during ringing.	ETS 300 659-1
NOTE: The AT&T contact is: Rich De Felice (Tel: +1 305 569 3926; Fax No: +1 305 569 4773).				

History

Document history	
July 1996	First Edition