

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



Reference

RSR/BOARD-00008

Keywords

IPR

ETSI

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Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "*Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards*", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (<http://webapp.etsi.org/IPR/home.asp>).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

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.

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 [1]).

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 (for the attention of the Legal Service).

NOTE: The present document is also available at
<http://www.etsi.org/WebSite/AboutETSI/IPRsInETSI/iprdb.aspx>.

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 document 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 [1], Annex 6 of the ETSI Rules of Procedure [3].

2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific.

- For a specific reference, subsequent revisions do not apply.
- Non-specific reference may be made only to a complete document or a part thereof and only in the following cases:
 - if it is accepted that it will be possible to use all future changes of the referenced document for the purposes of the referring document;
 - for informative references.

Referenced documents which are not found to be publicly available in the expected location might be found at <http://docbox.etsi.org/Reference>.

NOTE: While any hyperlinks included in this clause were valid at the time of publication ETSI cannot guarantee their long term validity.

2.1 Normative references

The following referenced documents are indispensable for the application of the present document. For dated references, only the edition cited applies. For non-specific references, the latest edition of the referenced document (including any amendments) applies.

[1] ETSI IPR Policy.

NOTE: The ETSI IPR Policy can be found at <http://portal.etsi.org/Directives/home.asp>.

[2] ETSI Guide on IPRs.

NOTE: The ETSI Guide on IPRs is to be found at <http://portal.etsi.org/Directives/home.asp>.

[3] ETSI Rules of Procedures (RoP).

NOTE: The ETSI Rules of Procedures (RoP) can be found at <http://portal.etsi.org/Directives/home.asp>.

2.2 Informative references

The following referenced documents are not essential to the use of the present document but they assist the user with regard to a particular subject area. For non-specific references, the latest version of the referenced document (including any amendments) applies.

[i.1] ETSI IPR database.

NOTE: Notification to ETSI of Essential or potentially Essential IPRs should be made using the combined [information statement and licensing declaration forms](#). Additional information can be found at <http://www.etsi.org/WebSite/AboutETSI/IPRsInETSI/iprdb.aspx>.

[i.2] Declare your IPRs to ETSI.

NOTE: A step by step explanation for filling out the above mentioned forms is to be found in the [guidelines on how to declare an essential IPR and how to make a licensing declaration to ETSI](#). Additional information can be found at <http://www.etsi.org/WebSite/AboutETSI/IPRsInETSI/iprdb.aspx>.

3 Definitions and abbreviations

3.1 Definitions

The terms "ESSENTIAL", "IPR" and "STANDARD" given below are defined in the "Definitions" annex of the ETSI IPR Policy [1].

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)

NOTE: From <http://portal.etsi.org/>, click on the "3GPP" tab.

BRAN standards: all standards issued by ETSI Project Broadband Radio Access Networks (BRAN)

NOTE: From <http://portal.etsi.org/>, click on the "BRAN" tab.

DAB standards: all standards issued by ETSI in relation to Digital Audio Broadcasting (DAB)

NOTE: See <http://www.etsi.org/WebSite/Technologies/DAB.aspx>.

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

NOTE: From <http://portal.etsi.org/>, click on the "3GPP" tab.

DECT standards: all standards issued by ETSI in relation to Digital Enhanced Cordless Telephone (DECT), previously known as Digital Enhanced Cordless Telephone (DECT)

NOTE: From <http://portal.etsi.org/>, click on the "DECT" tab.

DTM standards: all standards issued by ETSI in relation to Dynamic synchronous Transfer Mode (DTM)

NOTE: SPAN Technical Body has closed. See http://portal.etsi.org/tb/closed_tb/span.asp. All SPAN standards can now be found under TISPAN.

DVB standards: all standards issued by ETSI in relation to Digital Video Broadcasting (DVB)

NOTE: See <http://www.etsi.org/WebSite/Technologies/DVB.aspx>.

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)

NOTE: From <http://portal.etsi.org/>, click on the "ERM" tab.

GPRS standards: all standards issued by ETSI in relation to General Packet Radio Service (GPRS)

NOTE: From <http://portal.etsi.org/>, click on the "3GPP" tab.

GSM standards: all standards issued by ETSI in relation to European Cellular Digital - Global System for Mobile Communication (GSM)

NOTE: From <http://portal.etsi.org/>, click on the "3GPP" tab.

HDSL standards: all standards issued by ETSI in relation to High bit rate Digital Subscriber Line (HDSL)

NOTE: From <http://portal.etsi.org/>, click on the "TM" then "TM 06" tab.

HIPERLAN standards: all standards issued by ETSI in relation to High Performance Radio Local Area Network (HIPERLAN)

ISDN standards: all standards issued by ETSI in relation to Integrated Services Digital Network (ISDN)

NOTE: From <http://portal.etsi.org/>, click on the "SPAN" tab.

Lawful Interception (LI) standards: all standards issued by ETSI in relation to Lawful Interception (LI)

NOTE: See <http://portal.etsi.org/li/Summary.asp>.

PSTN standards: all standards issued by ETSI in relation to Public Switched Telephone Network (PSTN)

NOTE: From <http://portal.etsi.org/>, click on the "AT" tab.

SDSL standards: all standards issued by ETSI in relation to Symmetrical Digital Subscriber Line (SDSL)

NOTE: From <http://portal.etsi.org/>, click on the "TM" then "TM 06" tab.

STAG standards: all standards issued by ETSI in relation to Security Techniques Advisory Group (STAG)

NOTE: From <http://portal.etsi.org/>, click on the "SEC" tab.

Television systems standards: all standards issued by ETSI in relation to TV broadcasting systems

NOTE: From <http://portal.etsi.org/>, click on the "BROADCAST" tab.

TETRA standards: all standards issued by ETSI in relation to Terrestrial Trunked Radio (TETRA), previously known as Trans-European Trunked Radio (TETRA)

NOTE: From <http://portal.etsi.org/>, click on the "TETRA" tab.

TFTS standards: all standards issued by ETSI in relation to Terrestrial Flight Telecommunication System (TFTS)

NOTE: From <http://portal.etsi.org/>, click on the "ERM" tab.

TIPHON standards: all standards issued by ETSI in relation to Telecommunications And Internet Protocol Harmonization Over Networks (TIPHON)

NOTE: TIPHON Technical Body has closed. See http://portal.etsi.org/tb/closed_tb/tiphon.asp. All TIPHON standards can now be found under TISPAN.

UMTS standards: all standards issued by ETSI in relation to Universal Mobile Telecommunications System (UMTS)

NOTE: From <http://portal.etsi.org/>, click on the "3GPP" tab.

VDSL standards: all standards issued by ETSI in relation to Very high speed Digital Subscriber Line (VDSL)

NOTE: From <http://portal.etsi.org/>, click on the "TM" then "TM 06" tab.

3.2 Abbreviations

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

| | |
|-------|---|
| AD | Andorra |
| AE | United Arab Emirates |
| AF | Afghanistan |
| AG | Antigua and Barbuda |
| AI | Anguilla |
| AL | Albania |
| AM | Armenia |
| AN | Netherlands Antilles |
| AO | Angola |
| AQ | Antarctica |
| 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 |
| BN | Brunei Darussalam |
| BO | Bolivia |
| 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 |
| CM | Cameroon |
| CN | China |
| CO | Colombia |
| CR | Costa Rica |
| CU | Cuba |
| CV | Cape Verde |
| CX | Christmas Island |
| CY | Cyprus |
| CZ | Czech Republic |
| DE | Germany |
| DJ | Djibouti |
| DK | Denmark |
| DM | Dominica |
| DO | Dominican Republic |
| DZ | Algeria |
| EAPO | Eurasian Patent Office |
| 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 |
| LT | Lithuania |
| LU | Luxembourg |
| LV | Latvia |
| LY | Libyan Arab Jamahiriya |
| MA | Morocco |
| MC | Monaco |
| MD | Moldova, Republic Of |
| MG | Madagascar |
| MH | Marshall Islands |
| MK | FYROM (The Former Yugoslav Republic of 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 |
| OAPI | African Intellectual Property Organization |
| OM | Oman |
| PA | Panama |
| PCT | Patent Cooperation 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 |
| PT | 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 | 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 |
| TK | Tokelau |
| TM | Turkmenistan |
| TN | Tunisia |
| TO | 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 |

4 Notified IPRs

The Licensing Declarations given for the IPRs are contained in archive sr_000314v020801p0.zip which accompanies the present document.

ETSI has not checked the validity of the information, nor the relevance of the identified IPRs to the ETSI standards and cannot confirm, or deny, that the IPRs 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.

4.1 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 [1], annex 6 of the ETSI Rules of Procedure [3]. The ETSI IPR Policy can be found at <http://portal.etsi.org/directives/>.

NOTE: Notification to ETSI of Essential or potentially Essential IPRs should be made using the combined [information statement and licensing declaration forms](#). Additional information can be found at <http://www.etsi.org/WebSite/AboutETSI/IPRsInETSI/iprdb.aspx>.

4.1.1 List of Project Names used in the ETSI IPR Database

3GPP; 3GPP Release 7; 3GPP/AMR-WB; 3GPP/AMR-WB+; 3GPP/EMS; ADSL; AMR; BRAN; Cable Modem; CSICS; DAB; DCS 1800; DECT; DECT/GSM; DIIS; DMR; dPMR; DRM; DTM; DTS; DVB; DVB-H; DVB-S2; DVB-SH; DVB-T2; eCall; EDATA; EDCH; Electronic Signature; ERM; ERMES; E-UTRA; FLO; GAAI; GERAN; GERAN - Release 7; GERAN - Release 8; GMPRS; GMR; GPRS; GSM; GSM - Release 7; GSM/AMR-NB; GSM/TDMA; HCI; HDSL; HIPERLAN; HIPERLAN 2; HSPA+; HSUPA; IMS; IPCablecom; ISDN; ITS; Lawful Interception; LCS; LCS-128 Pos; LPR; LTE; LTE Release 8; M-COMM; MHP-Broadcast; MMB; MMS; NT NGN; PLT; PSTN; RES; SAE; SDH; SDSL; SES; SES/SDR; Smart Card; SNOW 3G; SNOW 3G Release 7; Speech Recognition; STAG; Television systems; TETRA; TETRA DMO; TFTS; TIPHON; TISPAN; TISPAN_NGN; UICC; UMTS; UMTS FDD; UMTS Release 7; UMTS Release 8; UMTS/CDMA; V5 Interface; VDSL; WCDMA.

4.2 Withdrawals

BT On 24 June 2002, BT has requested ETSI "to delete" the following IPRs from the IPR database:

Application No.
158 852 (filed 29 Nov. 93)
232 475 (filed 25 Apr. 94)
96-500498
954682

France Telecom: has requested ETSI (letter of 16 September 2003), to withdraw from the ETSI IPR online database and the present document its IPR declared on 17 September 1998, related to GSM/AMR-NB and concerning the patent no. 2734389, on the basis that France Telecom had not been selected for the B-FRANC candidature for AMR selection.

InterDigital Technologies Corporation: has requested ETSI (on 30 October 2006) to remove the following IPRs of 10 April 2001 and 8 April 2004:

| EP Serial No. | EP Patent No. |
|----------------------|-------------------------------------|
| 99122091.4 | 0984577 |
| 00111007.1 | 1037395 |
| 00114940.0 | 1041728 |
| 02005247.8 | 1213846 |
| 02005244.5 | 1213854 |
| 00930830.5 | 1179279 (European Patent (UK) only) |
| 92903307.4 | 0514539 |

By letter of 21 March 2007, InterDigital Technologies Corporation has informed ETSI that upon further review:

- it was determined that the above EP Patent Nos.: 0984577, 1037395, 1041728, 1213846 and 1213854 are not essential;
- it was determined that EP Patent No.: 0514539 is no longer subsisting;
- with regards to EP Patent No. 1179279, only the European Patent (UK) has lapsed.

By letter of 19 September 2008, InterDigital Technologies Corporation has informed ETSI that upon further review it considers that the following IPR are not essential:

| Patent No. | Serial No. |
|-------------------|-------------------|
| US 5260967 | 07/819,906 |
| US 5563907 | 08/423,519 |
| US 5748687 | 08/669,776 |
| US 5920590 | 08/889,281 |
| US 5943331 | 08/807,228 |
| US 6141332 | 09/280,327 |
| US 6980538 | 09/880,977 |
| US 6985467 | 09/757,768 |
| US 6839567 | 10/400,343 |
| EP 0801856 | 95943981.1 |
| EP 0908021 | 97930175.1 |
| EP 1043844 | 00114941.8 |
| EP 1172942 | 01124286.4 |

In addition, InterDigital Technologies Corporation informed ETSI that "a judgment was rendered in a UK legal proceeding identified as Case No.: HC 05 C02026 in the High Court of Justice, Chancery Division Patents Court. The court rendered a judgment that EP (UK) 0 855 807, EP (UK) 1 062 749 and EP (UK) 1 210 777 were not essential. The Court's judgment was not entered as a final order, and the case was settled prior to any appeal. Despite the Court's findings, InterDigital believes these patents are essential and therefore maintains its declarations with respect to them."

On 19 September 2008, InterDigital Technology Corporation has informed ETSI that upon further review, it considers that the following IPR(s) declared to ETSI on 8 April 2004 are not essential:

| Application No. | Patent No. | Standard No. |
|------------------------|-------------------|---|
| 98100395.7 | EP(UK)0855807 | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 99914923 | 1062749 | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 955636.6 | EP(UK)1210777 | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| W00200400248 | | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| PCT/US02/24898 | | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 2246891.9 | ZL02246891.9 | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 2246890 | | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 2246889.7 | ZL02246889.7 | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 2247431.5 | ZL02247431.5 | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 20212379 | 20212379 | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 20212378.2 | 20212378.2 | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 20212377.4 | 20212377.4 | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 20212376.6 | 20212376.6 | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 2756979.7 | | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 10-2003-0079334 | | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 10-2003-0071072 | | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
| 10-2003-0073870 | | 3GPP TS 21.101 Release 5; ETSI TS 121.101 |
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On 19 September 2008, InterDigital Technology Corporation has informed ETSI that upon further review, it considers that the following mentioned IPR(s) declared to ETSI on 21 March 2007 are not essential.

| Patent/Application No. for US Patents/Applications in Same Family | Patent/Application No. for non-US Patents/Applications in Same Family |
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On 14 September 2009, InterDigital Technology Corporation has informed ETSI that upon further review, it considers that the following mentioned IPR(s) declared to ETSI are not essential.

**Patent/Application No.
for US Patents/Applications
in Same Family**

**Patent/Application No.
for non-US Patents/Applications
in Same Family**

Declared to ETSI on 8 April 2004:
6141332

Declared to ETSI on 21 March 2007:

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Declared to ETSI on 19 September 2008:

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Motorola:

has requested ETSI (on 11 March 2004) to remove the Patent number US 09/427497 from its Information Statement (6 September 2002) and Licensing Declaration (6 December 2002) of essential IPRs, referring to ETSI ES 202 050.

Nokia Corporation

On 21 August 2007, Nokia Corp. has informed ETSI that it no longer considers the following Patent/Patent application to be essential with regard to the following standard(s), under UMTS Project only:

| Application No. | Patent No. | Standard No. |
|------------------------|-------------------|---------------------|
| 54251/99 | | TS 45.003; TS 06.93 |
| PI9912994-9 | | TS 45.003; TS 06.93 |
| 99810507 | | TS 45.003; TS 06.93 |
| 19941331 | | TS 45.003; TS 06.93 |
| 981869 | 105635 | TS 45.003; TS 06.93 |
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| 1846/99 | | TS 45.003 |

On 21 August 2007, Nokia Corp. has informed ETSI that it no longer considers the EP family members of the following Patent/Patent application to be essential under UMTS Project only:

| Application No | Standard No. |
|-----------------------|---------------------|
| 99911826.8 | TS 25.212 |
| 00901129.7 | TS 29.007 |

On 21 August 2007, Nokia Corp. has informed ETSI that it no longer considers the following US patents to be essential under UMTS Project only:

| Application No. | Patent No. | Standard No. |
|------------------------|-------------------|----------------------|
| 09/628868 | | TS 25.212 |
| 08/619701 | 5722074 | TS 25.402; TR 25.990 |

On 21 August 2007, Nokia Corp. has informed ETSI that it no longer considers the EP family members of the following Patent/Patent application to be essential under UMTS Project only:

| Application No. | Patent No. | Standard No. |
|------------------------|-------------------|-------------------------------|
| 99303192 | | TS 25.211; TS 2302; TS 25.331 |
| 93920867 | 720805 | TS 25.402; TR 25.990 |

On 21 August 2007, Nokia Corp. has informed ETSI that it no longer considers the following patent family to be essential under UMTS Project only:

| Application No. | Standard No |
|------------------------|--------------------|
| 2002-7010678 | 3GPP TS 22.016 |
| 2002-6321 | 3GPP TS 22.016 |
| 200204830-4 | 3GPP TS 22.016 |
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| PCT/US01/40141 | 3GPP TS 22.016 |
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| 2001-560153 | 3GPP TS 22.016 |

On 21 August 2007, Nokia Corp. has informed ETSI that it no longer considers the EP family members Germany, France and United Kingdom of Patent No. 0771092 to be essential under UMTS Project only.

On 22 October 2007, Nokia Corp. has informed ETSI that it no longer considers the following patents/patent applications family members declared to ETSI on 24 July 2002 to be essential:

| Application No. | Standard No. |
|------------------------|---------------------|
| 96198322.1 | 05.03 |
| 96934871.3 | 05.03 |
| 955206 | 05.03 |
| 98.1941 | 05.03 |
| 09/066359 | 05.03 |

On 22 October 2007, Nokia Corp. has informed ETSI that it no longer considers the following US and EP patents/patent applications family members declared to ETSI on 1 July 2004 to be essential for UMTS Project only:

| Application No. | Standard No. |
|------------------------|--|
| 02772680.1 | 3GPP TS 32.215, TS 29.060; ETSI TS 132 215, TS 129 060 |
| PCT/IB02/04079 | 3GPP TS 32.215, TS 29.060; ETSI TS 132 215, TS 129 060 |

On 22 October 2007, Nokia Corp. has informed ETSI that it no longer considers:

- the China family member of the patent application number 96198322.1 as being essential.
- The European Patent Convention family member of the patent application number 96934871.3 as being essential.
- the Finland family member of the patent application number 955206 as being essential.
- the Norway family member of the patent application number 98.1941 as being essential.

- the United States family member of the patent application number 09/066359 as being essential.
- the European Patent Convention family member of the patent application number 02772680.1 for project UMTS as being essential.
- the United States family member of the patent application number PCT/IB02/04079 for project UMTS as being essential.

For the sake of clarity, Nokia has informed that the change of position on the above patents will not affect Nokia's FRAND commitments under the ETSI IPR Policy.

On 18 March 2008, Nokia Corp. has informed ETSI that it no longer considers the following patent/patent application declared to ETSI on 21 December 2001 to be essential with regard to the UMTS standard.

| Patent No. | Application No. | Standard No. |
|------------|-----------------|--|
| 665454 | 76588/94 | 3GPP TS 25.331, 3GPP TS 25.321, 3GPP TS 25.211 |
| 611502 | 93917815.3 | 3GPP TS 25.331, 3GPP TS 25.321, 3GPP TS 25.211 |
| 91701 | 923669 | 3GPP TS 25.331, 3GPP TS 25.321, 3GPP TS 25.211 |
| | 6-505939 | 3GPP TS 25.331, 3GPP TS 25.321, 3GPP TS 25.211 |
| 306970 | 941330 | 3GPP TS 25.331, 3GPP TS 25.321, 3GPP TS 25.211 |
| | 08/211739 | 3GPP TS 25.331, 3GPP TS 25.321, 3GPP TS 25.211 |
| WO9405095 | PCT/FI93/00321 | 3GPP TS 25.331, 3GPP TS 25.321, 3GPP TS 25.211 |

For the sake of clarity, Nokia informs that the change of position on the above patents will not affect Nokia's FRAND commitments under the ETSI IPR Policy.

Nortel Networks Ltd:

has requested ETSI (letter of 22 July 2005) and further specified by email of 14 October 2005, to withdraw from the ETSI IPR online database its IPRs declared in its Information Statement and Licensing Declaration (1 July, 2004) related to 3GPP Multiplexing and Channel Coding/FDD (TS 25.212) and Physical Layer (TS 25.201) concerning European patent no. 1117203 and its identified associated foreign counterparts, on the basis that relevant requirements have been removed from the 3GPP standards by corrigenda revisions:

- RP-050215, TS 25.133, change request n° 750, Feature Clean Up: Removal of Compressed mode by puncturing;
- RP-050249, TS 25.211, change request n° 218, Feature Clean Up: Removal of Compressed mode by puncturing;
- RP-050249, TS 25.212, change request n° 213 rev. 1, Feature Clean Up: Removal of Compressed mode by puncturing;
- RP-050249, TS 25.214, change request n° 388, Feature Clean Up: Removal of Compressed mode by puncturing;
- RP-050249, TS 25.215, change request n° 164, Feature Clean Up: Removal of Compressed mode by puncturing;
- RP-050249, TS 25.331, change request n° 2596, Feature Clean Up: Removal of Compressed mode by puncturing;
- RP-050224, TS 25.423, change request n° 1064 rev. 1, Feature Clean Up: Removal of Compressed mode by puncturing;
- RP-050224, TS 25.433, change request n° 1109 rev. 1, Feature Clean Up: Removal of Compressed mode by puncturing.

On 12 January 2010, Nortel Networks Ltd. has informed ETSI that the referenced patent number EP1300888 initially declared to ETSI on 11 June 2008, was a typographical error and that it should be corrected as 1330888 with the updated patent title on record with the EPO.

The initially declared patent family information: 1515095 in CHINA, 1300888 in FRANCE, GERMANY and UNITED KINGDOM has also been corrected with the updated patent family information.

Qualcomm Inc.: has requested ETSI to withdraw (On 29 November 2006) from the ETSI IPR Online Database the following Patent Nos:

- EP 0695482 (declared to ETSI on 14 October 2005 for GERAN and on 13 June 2006 for GPRS, 3GPP, UMTS)
- DE 69520812.8 (declared to ETSI on 14 October 2005 for GERAN and on 13 June 2006 for 3GPP and UMTS)
- US 5,452,473 (declared to ETSI on 19 October 2001 for GERAN and on 14 October 2005 for UMTS)
- ZL95190118.4 (declared to ETSI on 19 October 2001 for GERAN and on 14 October 2005 for UMTS)

Qualcomm Inc. has been caused to re-examine thoroughly the essentiality of these patents being part of the patent families US 5,590,408 and US 5,655,220 in the course of patent litigation and as a result does not consider that these patent are Essential IPRs.

On 10 December 2008, Qualcomm Incorporated has requested ETSI to withdraw from the ETSI IPR Online Database patents DE 629324, declared to ETSI on 15 May 2006, and patent GB 629324 declared to ETSI on 15 May 2006. Qualcomm Incorporated has been caused to re-examine thoroughly the essentiality of these patent being part of the patent families US 5,590,408 and US 5,655,220 in the course of patent litigation and as a result, do not consider that these patents are Essential IPR.

SES ASTRA On 24 July 2007, SES ASTRA has informed ETSI that, to their knowledge, the following IPRs are not essential to the ETSI TR 101 790 and have, therefore, asked ETSI to remove their IPR declaration of 20 July 2001 from the ETSI IPR database. SES ASTRA's intent is not to deny licenses:

Application No:
PCT/EP00/01037
EP99107496.4
HK00106169.2

TERACOM AB On 20 August 2007, Teracom AB has informed ETSI that the patent application number EP1334579 which had been declared to be essential to ETSI EN 301 192 has been refused by the EPO, and that it is, therefore, no longer essential to this standard.

TruePosition Inc.: has requested ETSI (on 29 April 2003) to withdraw from the ETSI IPR online database and the present document the IPRs in relation to 3GPP TSG RAN Work Item 57: LCS-128 Pos, declared to ETSI on 9 August 2002, on the basis that "these are not required to practice the standard as currently written".

4.3 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.

InterDigital Technologies Corporation: On 25 January 2006, InterDigital Technologies Corporation informed ETSI that the initial reference to the Deliverable 3GPP TS 41 101 Release 5 - ETSI TS 141 101, of their IPR declaration of 8 April 2004, for UMTS, should be read as referring to 3GPP TS 21 101 Release 5 - ETSI TS 121 101.

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 ETSI ES 201 488 V1.1.1.

History

| Document history | | |
|-------------------------|---------------|------------------------------------|
| Edition 1 | July 1996 | Publication as ETR 314 (Withdrawn) |
| Edition 2 | July 1997 | Publication as ETR 314 (Withdrawn) |
| V1.3.1 | June 1998 | Publication (Withdrawn) |
| V1.4.1 | November 1999 | Publication (Withdrawn) |
| V1.5.1 | December 2000 | Publication (Withdrawn) |
| V1.6.1 | August 2001 | Publication (Withdrawn) |
| V1.7.1 | December 2001 | Publication (Withdrawn) |
| V1.8.1 | April 2002 | Publication (Withdrawn) |
| V1.9.1 | November 2002 | Publication (Withdrawn) |
| V1.10.1 | June 2003 | Publication (Withdrawn) |
| V1.11.1 | December 2003 | Publication (Withdrawn) |
| V1.12.1 | May 2004 | Publication (Withdrawn) |
| V1.13.1 | November 2004 | Publication (Withdrawn) |
| V1.14.1 | March 2005 | Publication (Withdrawn) |
| V1.15.1 | November 2005 | Publication (Withdrawn) |
| V2.1.1 | November 2006 | Publication (Withdrawn) |
| V2.2.1 | March 2007 | Publication (Withdrawn) |
| V2.3.1 | November 2007 | Publication (Withdrawn) |
| V2.4.1 | March 2008 | Publication (Withdrawn) |
| V2.5.1 | November 2008 | Publication (Withdrawn) |
| V2.6.1 | April 2009 | Publication (Withdrawn) |
| V2.7.1 | November 2009 | Publication (Withdrawn) |
| V2.8.1 | March 2010 | Publication |