

**PATENT N°: EP 2633521**

Jurisdiction: EP

<b>Name of the Evaluator</b>
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The above mentioned Evaluator hereby declares that the following claim(s):

- Claims 1 and 17.

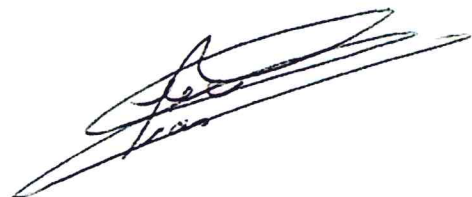
in the above referenced patent, registered in Europe and validated in the countries of Austria, Belgium, Switzerland, Czech Republic, Germany, Denmark, Spain, Finland, France, United Kingdom, Greece, Ireland, Italy, The Netherlands, Norway, Poland, Portugal, Romania, Sweden and Turkey, is(are) essential to making, using in, selling within, or importing into, the countries of registration, any 3GPP product (the applicable Product Categories are given below) that is or purports to be in compliance with the following parts of the Third Generation Partnership Program (3GPP) technical standards:

- Document 3GPP TS 26.445 V 12.1.0 (2014-12): Sections 5.2.3.5, 5.2.3.5.1, 5.2.3.5.2, 5.2.3.5.3, 5.2.3.5.6 and 5.2.3.5.7.

Claims 1 and 17 are relevant for 3GPP Terminal Products and for 3GPP Base Station Products.

**Authorized signature and date**

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(54) **CODING GENERIC AUDIO SIGNALS AT LOW BITRATES AND LOW DELAY**

KODIERUNG GENERISCHER AUDIOSIGNALE BEI NIEDRIGEN BITRATEN UND GERINGER VERZÖGERUNG

CODAGE DE SIGNAUX AUDIO GÉNÉRIQUES À FAIBLE DÉBIT BINAIRE ET À FAIBLE RETARD

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- (56) References cited:  
**EP-A1- 2 146 344 US-A1- 2007 225 971**
- **LEFEBVRE R ET AL: "High quality coding of wideband audio signals using transform coded excitation (TCX)", PROCEEDINGS OF ICASSP '94. IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING; 19-22 APRIL 1994; ADELAIDE, SA, AUSTRALIA, IEEE SERVICE CENTER, PISCATAWAY, NJ, vol. i, 19 April 1994 (1994-04-19), pages I/193-I/196, XP010133560, DOI: 10.1109/ICASSP.1994.389322 ISBN: 978-0-7803-1775-8**
  - **SCHNITZLER J ET AL: "Wideband speech coding using forward/backward adaptive prediction with mixed time/frequency domain excitation", SPEECH CODING PROCEEDINGS, 1999 IEEE WORKSHOP ON PORVOO, FINLAND 20-23 JUNE 1999, PISCATAWAY, NJ, USA, IEEE, US, 20 June 1999 (1999-06-20), pages 4-6, XP010345568, DOI: 10.1109/SCFT.1999.781465 ISBN: 978-0-7803-5651-1**
  - **JUIN-HWEY CHEN ET AL: "Transform predictive coding of wideband speech signals", 1996 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING CONFERENCE PROCEEDINGS, vol. 1, 1 January 1996 (1996-01-01), pages 275-278, XP055161975, DOI: 10.1109/ICASSP.1996.540411 ISBN: 978-0-78-033192-1**

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