

PATENT N°: EP 1509906 B1

Jurisdiction: EP

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The above mentioned Evaluator hereby declares that the following claim(s):

- Claim 1
- Claim 32

in the above referenced patent, registered in Europe and validated in the countries of AT, BE, CH/LI, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, TR, 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 V12.1.0 (2014-12): Sections 4, 6.1.4, 6.1.4.2

Claim 1 is relevant for 3GPP Terminal Products and 3GPP Base Station Products.

Claim 32 is relevant for 3GPP Terminal Products and 3GPP Base Station Products.

Authorized signature and date

December 12, 2017



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(11) **EP 1 509 906 B1**

(12) **EUROPEAN PATENT SPECIFICATION**

(45) Date of publication and mention of the grant of the patent:
25.06.2008 Bulletin 2008/26

(21) Application number: **03727092.3**

(22) Date of filing: **30.05.2003**

(51) Int Cl.:
G10L 21/02 (2006.01) G10L 19/14 (2006.01)

(86) International application number:
PCT/CA2003/000828

(87) International publication number:
WO 2003/102923 (11.12.2003 Gazette 2003/50)

(54) **METHOD AND DEVICE FOR PITCH ENHANCEMENT OF DECODED SPEECH**

VERFAHREN UND ANORDNUNG ZUR GRUNDFREQUENZVERBESSERUNG EINES DECODIERTEN SPRACHSIGNALS

PROCEDE ET DISPOSITIF D'AMELIORATION DE LA HAUTEUR TONALE SELECTIVE EN FREQUENCE DE VOIX SYNTHETISEE

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

(30) Priority: **31.05.2002 CA 2388352**

(43) Date of publication of application:
02.03.2005 Bulletin 2005/09

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US-A- 5 806 025 US-A- 5 864 798

- **CHAN C-F ET AL: "Efficient frequency domain postfiltering for multiband excited linear predictive coding of speech" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 32, no. 12, 6 June 1996 (1996-06-06), pages 1061-1063, XP006005271 ISSN: 0013-5194**
- **"Wideband Coding of Speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB)" ITU-T RECOMMENDATION G.722.2, XX, XX, January 2002 (2002-01), page complete, XP002274473 cited in the application**
- **CHEN H-H ET AL: "Adaptive postfiltering for quality enhancement of coded speech" IEEE TRANSACTIONS ON SPEECH AND AUDIO PROCESSING, IEEE INC. NEW YORK, US, vol. 3, no. 1, January 1995 (1995-01), pages 59-71, XP002225533 ISSN: 1063-6676**

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