

Title (en)

Method and device for reducing noise

Title (de)

Verfahren und Vorrichtung zur Geräuscherdrückung

Title (fr)

Procédé et dispositif destinés à l'élimination du bruit

Publication

**EP 1953739 A3 20081008 (DE)**

Application

**EP 08008031 A 20060412**

Priority

- EP 06725716 A 20060412
- DE 102005019863 A 20050428
- DE 102005028182 A 20050617
- DE 102005032079 A 20050708

Abstract (en)

[origin: EP1953739A2] A noise suppression process comprising a first decoded signal portion (S CELP) and a second decoded signal portion (S TDAC) which involves determining a first energy envelope generating curve (ENV CELP) and a second energy envelope generating curve (ENV TDAC) of the first signal portion and of the second decoded signal portion. The process then involves forming an identification number (R) depending on a comparison of the first and second energy envelope generating curves, deriving an amplification factor (G) which depends on the identification number. An independent claim is also included for the device e.g. communication equipment.

IPC 8 full level

**G10L 19/14** (2006.01); **G10L 19/02** (2006.01); **G10L 19/025** (2013.01); **G10L 19/24** (2013.01); **G10L 21/02** (2006.01); **G10L 21/0364** (2013.01)

CPC (source: EP KR US)

**G10L 19/025** (2013.01 - EP US); **G10L 19/12** (2013.01 - KR); **G10L 19/24** (2013.01 - EP US); **G10L 21/0208** (2013.01 - KR); **G10L 21/0364** (2013.01 - EP US)

Citation (search report)

- [A] EP 1335353 A2 20030813 - NTT DOCOMO INC [JP]
- [A] US 6453282 B1 20020917 - HILPERT JOHANNES [DE], et al
- [A] MAHIEUX Y ET AL: "HIGH-QUALITY AUDIO TRANSFORM CODING AT 64 KBPS", IEEE TRANSACTIONS ON COMMUNICATIONS, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 42, no. 11, 1 November 1994 (1994-11-01), pages 3010 - 3019, XP000475155, ISSN: 0090-6778
- [A] PAINTER T ET AL: "Perceptual coding of digital audio", PROCEEDINGS OF THE IEEE, IEEE. NEW YORK, US, vol. 88, no. 4, 1 April 2000 (2000-04-01), pages 451 - 515, XP002197929, ISSN: 0018-9219

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006114368 A1 20061102**; AT E435481 T1 20090715; CA 2574468 A1 20061102; CA 2574468 C 20140114; DE 502006004136 D1 20090813; DK 1869671 T3 20091019; EP 1869671 A1 20071226; EP 1869671 B1 20090701; EP 1953739 A2 20080806; EP 1953739 A3 20081008; EP 1953739 B1 20140604; ES 2327566 T3 20091030; JP 2008539456 A 20081113; JP 4819881 B2 20111124; KR 100915726 B1 20090904; KR 20070062493 A 20070615; PL 1869671 T3 20091231; US 2007282604 A1 20071206; US 8612236 B2 20131217

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