Title (en)

Voice coding apparatus and method using PLP in mobile communications terminal

Title (de)

Verfahren, Vorrichtung zur Sprachkodierung in einem mobilen Kommunikationsendgerät mittels PLP

Title (fr)

Méthode et appareil de codage de la parole dans un terminal mobile de communication utilisant la PLP

Publication

EP 1619665 A1 20060125 (EN)

Application

EP 05015989 A 20050722

Priority

KR 20040057739 A 20040723

Abstract (en)

A voice coding apparatus and method of a mobile communications terminal can embody higher compressibility and ensure high sound quality, compared with the case of using a Linear Prediction (LP) coefficient, by performing a Linear Predictive Coding (LPC) using a Perceptual Linear Prediction (PLP) coefficient.

IPC 8 full level

G10L 19/06 (2006.01); **G10L 25/93** (2013.01)

CPC (source: EP KR)

G10L 19/06 (2013.01 - EP KR); **G10L 25/93** (2013.01 - KR)

Citation (applicant)

"SPEECH CODING AND SYNTHESIS", 1995, ELSEVIER, article "Linear Prediction (LP), which is disclosed in more detail"

Citation (search report)

- [Y] US 2004128130 A1 20040701 - ROSE KENNETH [US], et al
- [A] EP 1199812 A1 20020424 - ERICSSON TELEFON AB L M [SE]
- [Y] GUNAWAN W ET AL: "PLP coefficients can be quantized at 400 bps", 2001 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING. PROCEEDINGS. (ICASSP). SALT LAKE CITY, UT, MAY 7 - 11, 2001, IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING (ICASSP), NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 6, 7 May 2001 (2001-05-07), pages 77 - 80, XP010803089, ISBN: 0-7803-7041-4

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DOCDB simple family (publication)

EP 1619665 A1 20060125; **EP 1619665 B1 20100908**; AT E480852 T1 20100915; CN 1737904 A 20060222; DE 602005023385 D1 20101021; JP 2006039559 A 20060209; KR 100619893 B1 20060919; KR 20060008078 A 20060126

DOCDB simple family (application)

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