

Title (en)

Method and device for the spectral reconstruction of an audio signal

Title (de)

Verfahren und Vorrichtung zur Rekonstruktion des Spektrums eines Audiosignals

Title (fr)

Procédé et dispositif de reconstruction spectrale d'un signal audio

Publication

**EP 1599868 B1 20100519 (FR)**

Application

**EP 04716626 A 20040303**

Priority

- FR 2004000488 W 20040303
- FR 0302730 A 20030304

Abstract (en)

[origin: US2006265087A1] An audio signal encoded in the form of data is spectrally reconstructed so part of the frequency spectrum of the audio signal is decoded with a spectral band limiting encoder (i.e., a core encoder). The complementary part of the frequency spectrum of the audio signal is decoded with an extension encoder. Information representing at least one cut-off frequency of the signal decoded by the core decoder is used to select, from amongst the data to be decoded or the data decoded with the extension decoder.

IPC 8 full level

**G10L 19/005** (2013.01); **G10L 19/02** (2013.01); **G10L 19/24** (2013.01)

CPC (source: EP KR US)

**G10L 19/005** (2013.01 - EP US); **G10L 19/02** (2013.01 - KR); **G10L 19/0208** (2013.01 - EP US); **G10L 19/24** (2013.01 - KR); **G10L 19/24** (2013.01 - EP US)

Cited by

US8069035B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**US 2006265087 A1 20061123; US 7720676 B2 20100518**; AT E468584 T1 20100615; DE 602004027219 D1 20100701; EP 1599868 A1 20051130; EP 1599868 B1 20100519; ES 2345489 T3 20100924; FR 2852172 A1 20040910; JP 2006520487 A 20060907; JP 4660470 B2 20110330; KR 101091593 B1 20111213; KR 20060007371 A 20060124; WO 2004081918 A1 20040923

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**US 54775906 A 20060519**; AT 04716626 T 20040303; DE 602004027219 T 20040303; EP 04716626 A 20040303; ES 04716626 T 20040303; FR 0302730 A 20030304; FR 2004000488 W 20040303; JP 2006505683 A 20040303; KR 20057016445 A 20040303