

Title (en)

ADVANCED ENCODING / DECODING OF AUDIO DIGITAL SIGNALS

Title (de)

FORTGESCHRITTENE KODIERUNG/DEKODIERUNG VON DIGITALEN TONSIGNALEN

Title (fr)

CODAGE/DECODAGE PERFECTIONNES DE SIGNAUX AUDIONUMERIQUES

Publication

**EP 2115741 A1 20091111 (FR)**

Application

**EP 08762010 A 20080130**

Priority

- FR 2008050150 W 20080130
- FR 0700747 A 20070202

Abstract (en)

[origin: FR2912249A1] The method involves determining a frequency masking threshold from a masking curve calculation block (606) for applying to a sub band in order to apply a perceptual weighting to the sub band in the transformed field. The masking threshold is normalized for permitting spectral continuity between the two sub bands. The number of bits to be allocated to each sub band is determined from a spectral envelope based on the normalized masking curve calculation applied to the sub-band. Independent claims are also included for the following: (1) a method for decoding a signal (2) a computer program comprising a set of instructions to perform a method for coding a signal (3) a computer program comprising a set of instructions to perform a method for decoding a signal (4) a decoder comprising a memory.

IPC 8 full level

**G06F 40/00** (2020.01); **G10L 19/02** (2013.01); **G10L 19/12** (2013.01); **G10L 19/00** (2006.01); **G10L 19/002** (2013.01); **G10L 19/038** (2013.01); **G10L 19/24** (2013.01)

CPC (source: EP KR US)

**G10L 19/02** (2013.01 - KR); **G10L 19/0204** (2013.01 - EP US); **G10L 19/12** (2013.01 - KR); **G10L 19/002** (2013.01 - EP US); **G10L 19/0212** (2013.01 - EP US); **G10L 19/038** (2013.01 - EP US); **G10L 19/24** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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**FR 2912249 A1 20080808**; AT E473504 T1 20100715; CN 101622661 A 20100106; CN 101622661 B 20120523; DE 602008001718 D1 20100819; EP 2115741 A1 20091111; EP 2115741 B1 20100707; ES 2347850 T3 20101104; JP 2010518422 A 20100527; JP 5357055 B2 20131204; KR 101425944 B1 20140806; KR 20090104846 A 20091006; US 2010121646 A1 20100513; US 8543389 B2 20130924; WO 2008104663 A1 20080904

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