

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 B1 20100707 (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)

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