

Title (en)

HIERARCHICAL CODING OF DIGITAL AUDIO SIGNALS

Title (de)

HIERARCHISCHE KODIERUNG DIGITALER AUDIOSIGNALE

Title (fr)

CODAGE HIERARCHIQUE DE SIGNAUX AUDIONUMERIQUES

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Application

EP 08806166 A 20080704

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- FR 0756326 A 20070706

Abstract (en)

[origin: WO2009010674A1] The invention relates to a method for the scalar quantisation-based coding of samples of a digital audio signal (S), said samples being coded over a pre-determined number of bits in order to obtain a binary frame of quantisation indices (IMIC). The samples are coded using an amplitude compression law and a pre-determined number of the least-significant bits is not taken into account in the binary frame of quantisation indices. The coding method includes a step comprising the saving (27) of at least part of the least-significant bits which are not taken into account in the binary frame of quantisation indices and the determination (28) of an enhancement stream (IEXT) containing at least one saved bit. The invention also relates to an associated decoding method including steps comprising the reception (29) of an enhancement stream (I'EXT) containing one or more extension bits and the concatenation (30) of the extension bits behind the bits originating from the binary frame in order to obtain a decoded audio signal. The invention further relates to the coder and decoder used to carry out said methods.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009010674A1

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DOCDB simple family (publication)

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