

Title (en)

QUANTIFICATION AFTER LINEAR CONVERSION COMBINING AUDIO SIGNALS OF A SOUND SCENE, AND RELATED ENCODER

Title (de)

QUANTIFIZIERUNG NACH LINEARER UMWANDLUNG DURCH KOMBINATION VON AUDIOSIGNALEN EINER KLANGSZENE UND KODIERGERÄT DAFÜR

Title (fr)

QUANTIFICATION APRES TRANSFORMATION LINEAIRE COMBINANT LES SIGNAUX AUDIO D'UNE SCENE SONORE, CODEUR ASSOCIE

Publication

EP 2168121 A1 20100331 (FR)

Application

EP 08806144 A 20080701

Priority

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- FR 0704794 A 20070703

Abstract (en)

[origin: WO2009007639A1] The invention relates to a method for quantifying components $((y_j)_{1 \leq j \leq r})$, wherein certain components are each determined based on a plurality of audio signals $((s_j)_{1 \leq j \leq N})$ and can be calculated by the application of a linear conversion on the audio signals, said method comprising: determining a quantification function (Q_m) to be applied to the components by testing a condition relative to an audio signal (S_i) and depending on a comparison made between a psycho-acoustic masking threshold ($M_m(t(s,i))$) relative to the audio signal and a value determined based on the reverse linear conversion and quantification errors of the components by the function.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009007639A1

Cited by

CN112634913A; US11741973B2; US11146903B2; US11962990B2

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