

Title (en)

VIRTUAL SOURCE LOCATION INFORMATION BASED CHANNEL LEVEL DIFFERENCE QUANTIZATION AND DEQUANTIZATION

Title (de)

AUF VIRTUELLEN QUELLENPOSITIONSINFORMATIONEN BASIERTE QUANTISIERUNG UND DEQUANTISIERUNG VON KANALNIVEAUUNTERSCHIEDEN

Title (fr)

QUANTIFICATION ET DEQUANTIFICATION DE LA DIFFERENCE DE NIVEAUX DE CANAL BASEE SUR LES INFORMATIONS DE LOCALISATION DE SOURCES VIRTUELLES

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Abstract (en)

[origin: WO2007011157A1] Methods for Spatial Audio Coding (SAC) of a multi-channel audio signal and decoding of an audio bitstream generated by the SAC are provided. More particularly, methods of efficient quantization and dequantization of Channel Level Difference (CLD) used as a spatial parameter when SAC -based encoding of a multi-channel audio signal is performed are provided. A method of CLD quantization includes extracting sub-band-specific CLDs from an N-channel audio signal (N>1), and quantizing the CLDs by reference to a Virtual Source Location Information (VSLI)-based CLD quantization table designed using CLD quantization values derived from VSLI quantization values of the N-channel audio signal.

IPC 8 full level

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