

Title (en)

METHOD AND APPARATUS FOR ENCODING AND DECODING MULTI-CHANNEL AUDIO SIGNAL USING VIRTUAL SOURCE LOCATION INFORMATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUM CODIEREN UND DECODIEREN EINES MEHRKANALIGEN AUDIOSIGNALS UNTER VERWENDUNG VON VIRTUELLE-QUELLE-ORTSINFORMATIONEN

Title (fr)

PROCEDE ET DISPOSITIF DESTINES A CODER ET DECODER UN SIGNAL AUDIO MULTICANAL AU MOYEN D'INFORMATIONS D'EMPLACEMENT DE SOURCE VIRTUELLE

Publication

EP 1779385 B1 20100922 (EN)

Application

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Abstract (en)

[origin: WO2006006809A1] Provided is a method and apparatus for encoding/decoding a multi-channel audio signal. The apparatus for encoding a multi-channel audio signal includes a frame converter for converting the multi-channel audio signal into a framed audio signal; means for downmixing the framed audio signal; means for encoding the downmixed audio signal; a source location information estimator for estimating source location information from the framed multi-channel audio signal; means for quantizing the estimated source location information; and means for multiplexing the encoded audio signal and the quantized source location information, to generate an encoded multi-channel audio signal.

IPC 8 full level

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CPC (source: EP)

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Cited by

US11708741B2; US9401152B2; US9721578B2; US9881629B2; US10074379B2; US10217474B2; US10388296B2; US10522163B2; US10950252B2

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