

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 A4 20070725 (EN)

Application
EP 05774399 A 20050708

Priority

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- KR 20050061425 A 20050707

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)
G10L 19/008 (2013.01); **H04S 3/008** (2013.01); **H04S 2420/03** (2013.01)

Citation (search report)

- [X] WO 9952326 A1 19991014 - DOLBY RAY MILTON [US]
- [X] WO 03090208 A1 20031030 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [E] WO 2005101905 A1 20051027 - CODING TECH AB [SE], et al
- See references of WO 2006006809A1

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

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