Title (en)
METHOD FOR ENCODING AND DECODING OBJECT-BASED AUDIO SIGNAL AND APPARATUS THEREOF

Title (de)
VERFAHREN ZUM CODIEREN UND DECODIEREN EINES AUDIOSIGNALS AUF OBJEKTBASIS UND VORRICHTUNG DAFÜR

Title (fr)
PROCEDE DE CODAGE ET DE DECODAGE DE SIGNAL AUDIO A BASE D'OBJET ET APPAREIL CORRESPONDANT

Publication
EP 1984916 A4 20100929 (EN)

Application
EP 07708880 A 20070209

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- US 77333706 P 20060215
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Abstract (en)

[origin: WO2007091870A1] Methods and apparatuses for encoding and decoding an object-based audio signal are pro vided. The method of decoding an object-based audio signal includes extracting a down-mix signal and object-based parameter information from an input audio signal, generating an object- audio signal using the down-mix signal and the object-based parameter information, and generating an object audio signal with three-dimensional (3D) effects by applying 3D in¬ formation to the object audio signal. Accordingly, it is possible to localize a sound image for each object audio signal and thus provide a vivid sense of reality during the reproduction of object audio signals.

IPC 8 full level
G10L 19/00 (2006.01); **G10L 19/008** (2013.01); **G10L 19/14** (2006.01); G10L 19/16 (2013.01); G10L 19/20 (2013.01)

CPC (source: EP)
G10L 19/008 (2013.01); G10L 19/173 (2013.01); G10L 19/20 (2013.01); H04S 3/00 (2013.01); H04S 2420/01 (2013.01); H04S 2420/03 (2013.01)

Citation (search report)
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KR 2007000730 W 20070209; AU 2007212873 A 20070209; BR PI0708047 A 20070209; CA 2646278 A 20070209; EP 07708880 A 20070209; JP 2008554147 A 20070209; TW 96104926 A 20070209