

Title (en)

OBJECT-BASED 3-DIMENSIONAL AUDIO SERVICE SYSTEM USING PRESET AUDIO SCENES

Title (de)

AUF OBJEKTEN BASIERENDES DREIDIMENSIONALES AUDIODIENSTSYSTEM MIT VOREINGESTELLTEN AUDIOSZENEN

Title (fr)

SYSTEME DE SERVICE AUDIO TRIDIMENSIONNEL FONDE SUR L'OBJET UTILISANT DES SCENES AUDIO FIXEES PREALABLEMENT

Publication

EP 2022263 A1 20090211 (EN)

Application

EP 07746543 A 20070516

Priority

- KR 2007002395 W 20070516
- KR 20060045184 A 20060519

Abstract (en)

[origin: WO2007136187A1] Provided are an object-based three dimensional (3-D) audio service system using preset audio scenes and a method thereof. The system and the method are suggested for enabling a user to easily and conveniently watch and listen an object based 3-D audio service by eliminating inconvenience that requires a user to control each of object audio signals of sound sources. The system includes: audio input means for inputting an audio signal; preset audio scene generating means for extracting object audio signals from the audio signal inputted through the audio input means and generating more than one of 3-D audio scene information by arranging the extracted object audio signals in a 3-D space and editing features of each object; and encoding means for encoding and multiplexing the audio signal and the 3-D audio scene information for each object audio signal.

IPC 8 full level

H04H 20/89 (2008.01); **H04N 7/00** (2011.01); **H04S 7/00** (2006.01)

CPC (source: EP)

H04H 20/89 (2013.01); **H04S 7/30** (2013.01); **H04S 2400/11** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007136187 A1 20071129; WO 2007136187 A9 20081127; EP 2022263 A1 20090211; EP 2022263 A4 20100602; EP 2022263 B1 20120801; EP 2369836 A2 20110928; EP 2369836 A3 20111214; EP 2369836 B1 20140423; EP 2501128 A1 20120919; EP 2501128 B1 20141112; JP 2009537876 A 20091029; JP 2014013400 A 20140123; JP 5586950 B2 20140910

DOCDB simple family (application)

KR 2007002395 W 20070516; EP 07746543 A 20070516; EP 11159156 A 20070516; EP 12171933 A 20070516; JP 2009511940 A 20070516; JP 2013167817 A 20130812