

Title (en)

METHOD AND APPARATUS FOR GENERATING 3D AUDIO POSITIONING USING DYNAMICALLY OPTIMIZED AUDIO 3D SPACE PERCEPTION CUES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG VON 3D-AUDIOPOSITIONIERUNG MIT DYNAMISCH OPTIMISIERTEN 3D-RAUMWAHRNEHMUNGSHINWEISEN FÜR AUDIO

Title (fr)

PROCÉDÉ ET APPAREIL POUR GÉNÉRER UN POSITIONNEMENT AUDIO TRIDIMENSIONNEL À L'AIDE DE REPÈRES DE PERCEPTION D'ESPACE TRIDIMENSIONNEL AUDIO DYNAMIQUEMENT OPTIMISÉS

Publication

**EP 2719196 B1 20180404 (EN)**

Application

**EP 11825762 A 20110913**

Priority

- US 38220410 P 20100913
- US 201113173671 A 20110630
- US 2011051321 W 20110913

Abstract (en)

[origin: WO2012037073A1] An apparatus generating audio cues for content indicative of the position of audio objects within the content comprising: an audio processor receiving raw audio tracks for said content and information indicative of the positions of at least some of said audio tracks within frames of said content, said audio processor generating corresponding audio parameters; an authoring tool receiving said audio parameters and generating encoding coefficients, said audio parameters including audio cue of the position of audio objects corresponding to said tracks in at least one spatial dimension; and a first audio/video encoder receiving an input and encoding said input into an audio visual content having visual objects and audio objects, said audio objects being disposed at location corresponding to said one spatial position, said encoder using said encoding coefficients for said encoding.

IPC 8 full level

**G10L 19/008** (2013.01); **H04S 7/00** (2006.01)

CPC (source: EP)

**G10L 19/008** (2013.01); **H04S 7/30** (2013.01); **H04R 2499/15** (2013.01); **H04S 2400/11** (2013.01); **H04S 2420/03** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2012037073 A1 20120322; WO 2012037073 A4 20120503**; CA 2844078 A1 20120322; CA 2844078 C 20190326; EP 2719196 A1 20140416; EP 2719196 A4 20160914; EP 2719196 B1 20180404; EP 3379533 A2 20180926; EP 3379533 A3 20190306

DOCDB simple family (application)

**US 2011051321 W 20110913**; CA 2844078 A 20110913; EP 11825762 A 20110913; EP 18161398 A 20110913