

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 A4 20160914 (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)

Citation (search report)

- [XAYI] WO 2010022633 A1 20100304 - SHENZHEN HUAWEI COMM TECH CO [CN], et al & EP 2323425 A1 20110518 - HUAWEI DEVICE CO LTD [CN]
- [Y] US 2003053680 A1 20030320 - LIN YUN-TING [US], et al
- [A] US 2003007648 A1 20030109 - CURRELL CHRISTOPHER [US]
- See references of WO 2012037073A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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