

Title (en)

System and method for generating surround sound

Title (de)

System und Verfahren zur Erzeugung von Surround-Sound

Title (fr)

Système et procédé pour générer des sons d'ambiance

Publication

**EP 3013072 A1 20160427 (EN)**

Application

**EP 14461580 A 20141023**

Priority

EP 14461580 A 20141023

Abstract (en)

A signal comprising at least three sound events data, characterized in that each sound event comprises: time of event information; information regarding location in space with respect to a reference location point; a movement trajectory in space; orientation information; wherein the signal comprises at least one acoustic sound event further comprising spatial characteristic of the source of the event; information on sampling frequency; information on signal resolution; and a set of acoustic samples of the sampling frequency and at the signal, resolution; at least one textual sound event further comprising a library identifier and a textual data field wherein the textual data is to be used to generate sound by a speech synthesizer; and at least one synthetic non-verbal sound event further comprising at least one code in a data field and a library selection field referring to a music synthesizer library wherein the at least one code is to configure a music synthesizer.

IPC 8 full level

**H04S 7/00** (2006.01)

CPC (source: EP)

**H04S 7/308** (2013.01)

Citation (applicant)

- US 2014112484 A1 20140424 - BRITT JR JOE FREEMAN [US]
- MICHAEL HLATKY: "Analysis of Loudspeaker Placement and Loudspeaker-Room Interaction, and Correction of Associated Effects", UNIVERSITY OF APPLIED SCIENCES OFFENBURG, MEDIA AND INFORMATION TECHNOLOGY, BANG & OLUFSEN A/S, DEPARTMENT OF ACOUSTICS, August 2007 (2007-08-01)

Citation (search report)

- [A] US 2014112484 A1 20140424 - BRITT JR JOE FREEMAN [US]
- [A] US 2006083383 A1 20060420 - CRUNDWELL DUNCAN J [US], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3013072 A1 20160427; EP 3013072 B1 20170322**

DOCDB simple family (application)

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