

Title (en)
SPATIAL ARRANGEMENT OF SOUND BROADCASTING DEVICES

Title (de)
RÄUMLICHE ANORDNUNG VON SCHALLÜBERTRAGUNGSVORRICHTUNGEN

Title (fr)
ARRANGEMENT SPATIAL DE DISPOSITIFS DE DIFFUSION SONORE

Publication
EP 3701730 A1 20200902 (FR)

Application
EP 18800724 A 20181023

Priority

- FR 1760006 A 20171023
- FR 2018052636 W 20181023

Abstract (en)
[origin: WO2019081848A1] The present invention relates to a spatial arrangement (1000) for optimising the broadcasting of a sound signal and thus replacing the conventional stereo systems. For this purpose, the spatial arrangement (1000) is capable of broadcasting a spatialised sound signal, the spatialised sound signal comprising N mutually distinct audio signals, N being an integer strictly greater than 3, and the spatial arrangement (1000) comprising a set of N sound broadcasting devices (100) predominantly distributed over the entire width of a scene (1). Each sound broadcasting device (100) receives an audio signal of which it will amplify and broadcast the transmitted sound. In particular, each sound broadcasting device (100) is specifically capable of reproducing and preserving the characteristics of the sound transmitted by the audio signal received, in particular the sound frequency bands and the sound intensity of the frequency bands of the audio signal.

IPC 8 full level
H04R 27/00 (2006.01)

CPC (source: EP US)
H04R 1/2819 (2013.01 - US); **H04R 27/00** (2013.01 - EP); **H04S 7/30** (2013.01 - US); **H04R 2201/401** (2013.01 - EP); **Y02E 10/50** (2013.01 - EP)

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)
FR 3072840 A1 20190426; FR 3072840 B1 20210604; BR 112020007635 A2 20200929; CN 111264065 A 20200609; CN 111264065 B 20211210; EP 3701730 A1 20200902; JP 2021500790 A 20210107; JP 7288437 B2 20230607; MX 2020004208 A 20200813; RU 2020113109 A 20211125; RU 2020113109 A3 20220406; US 11496850 B2 20221108; US 2021006917 A1 20210107; WO 2019081848 A1 20190502

DOCDB simple family (application)
FR 1760006 A 20171023; BR 112020007635 A 20181023; CN 201880069235 A 20181023; EP 18800724 A 20181023; FR 2018052636 W 20181023; JP 2020521349 A 20181023; MX 2020004208 A 20181023; RU 2020113109 A 20181023; US 201816758747 A 20181023