

Title (en)

SOUND SPATIALIZATION WITH ROOM EFFECT

Title (de)

KLANGVERRÄUMLICHUNG MIT RAUMWIRKUNG

Title (fr)

SPATIALISATION SONORE AVEC EFFET DE SALLE

Publication

EP 3025514 B1 20190911 (FR)

Application

EP 14748239 A 20140704

Priority

- FR 1357299 A 20130724
- FR 2014051728 W 20140704

Abstract (en)

[origin: WO2015011359A1] The invention relates to a method of sound spatialization, in which at least one filtering process, including summation, is applied, to at least two input signals ($I(1)$, $I(2)$, ..., $I(L)$), the filtering process comprising: - the application of at least one first room effect transfer function ($A_k(1)$, $A_k(2)$, ..., $A_k(L)$), the first transfer function being specific to each input signal, and the application of at least one second room effect transfer function ($B_{mean\ k}$), the second transfer function being common to all input signals. The method is such that it comprises a step of weighting at least one input signal with a weighting factor ($W_k(I)$), said weighting factor being specific to each of the input signals.

IPC 8 full level

H04S 1/00 (2006.01); **H04S 7/00** (2006.01)

CPC (source: EP KR US)

G10L 19/008 (2013.01 - US); **H04S 1/005** (2013.01 - EP KR US); **H04S 7/30** (2013.01 - EP KR US); **H04S 7/306** (2013.01 - US); **H04S 2400/03** (2013.01 - EP KR US); **H04S 2400/13** (2013.01 - US); **H04S 2420/01** (2013.01 - EP KR US)

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 2015011359 A1 20150129; CN 105684465 A 20160615; CN 105684465 B 20180612; EP 3025514 A1 20160601; EP 3025514 B1 20190911; ES 2754245 T3 20200416; FR 3009158 A1 20150130; JP 2016527815 A 20160908; JP 6486351 B2 20190320; KR 102206572 B1 20210122; KR 102310859 B1 20211012; KR 20160034942 A 20160330; KR 20210008952 A 20210125; US 2016174013 A1 20160616; US 9848274 B2 20171219

DOCDB simple family (application)

FR 2014051728 W 20140704; CN 201480052602 A 20140704; EP 14748239 A 20140704; ES 14748239 T 20140704; FR 1357299 A 20130724; JP 2016528570 A 20140704; KR 20167003222 A 20140704; KR 20217001620 A 20140704; US 201414906311 A 20140704