

Title (en)

Method for sound signal processing, and computer program for implementing the method

Title (de)

Verfahren zur Klangsignalverarbeitung und Computerprogramm zur Implementierung des Verfahrens

Title (fr)

Procédé pour le traitement de signaux sonores et programme informatique pour la mise en oeuvre du procédé

Publication

EP 2552130 A1 20130130 (EN)

Application

EP 11305977 A 20110727

Priority

EP 11305977 A 20110727

Abstract (en)

A method for sound signal processing a sound originating from a source (S) situated inside a first room (R1) and propagating to a listener (L) situated inside a second room (R2), and the first and second rooms (R1, R2) having an opening (O) between them. The method comprises the steps of determining a position of a single relay point (V), and determining a listener sound signal (s L) based on a source sound signal (s S) of the source (S), and the position of the relay point (V).

IPC 8 full level

H04S 7/00 (2006.01)

CPC (source: EP)

H04S 7/302 (2013.01)

Citation (search report)

- [XAI] US 7027600 B1 20060411 - KAJI TOSHIYUKI [JP], et al
- [A] US 7146296 B1 20061205 - CARLBOM INGRID B [US], et al
- [A] US 6751322 B1 20040615 - CARLBOM INGRID B [US], et al

Cited by

US10045144B2; US10293259B2; WO2018128908A1; WO2018128913A1

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 2552130 A1 20130130; EP 2552130 B1 20190703; DK 2552130 T3 20191007

DOCDB simple family (application)

EP 11305977 A 20110727; DK 11305977 T 20110727