

Title (en)

METHOD FOR OUTPUTTING AN AUDIO SIGNAL INTO AN INTERIOR VIA AN OUTPUT DEVICE COMPRISING A LEFT AND A RIGHT OUTPUT CHANNEL

Title (de)

VERFAHREN ZUR AUSGABE EINES AUDIOSIGNALS IN EINEN INNENRAUM ÜBER EINE EINEN LINKEN UND EINEN RECHTEN AUSGABEKANAL UMFASSENDE AUSGABEEINRICHTUNG

Title (fr)

PROCÉDÉ POUR ÉMETTRE UN SIGNAL AUDIO DANS UN ESPACE INTÉRIEUR PAR L'INTERMÉDIAIRE D'UN DISPOSITIF D'ÉMISSION COMPRENANT UN CANAL D'ÉMISSION GAUCHE ET DROITE

Publication

**EP 3603107 A1 20200205 (DE)**

Application

**EP 18711538 A 20180314**

Priority

- DE 102017106022 A 20170321
- EP 2018056404 W 20180314

Abstract (en)

[origin: WO2018172159A1] Method for outputting an audio signal (S) into an interior (4) forming part of a passenger compartment (2) in a motor vehicle (3) via an acoustic output device (7) comprising a left and a right acoustic output channel (5, 6), said method involving the steps of: - supplying an audio signal (S); - splitting the supplied audio signal (S) into a plurality of acoustic audio signal portions (S.1-S.3) that are dependent on the direction of perception; - mixing each acoustic audio signal portion (S.1-S.3) that is dependent on the direction of perception onto a right and/or a left output channel (5, 6) of an acoustic output device (7) comprising a right and a left acoustic output channel (5, 6); - outputting the acoustic audio signal portions (S.1-S.3) that are dependent on the direction of perception via the right and/or the left acoustic output channel (5, 6) of the acoustic output device (7).

IPC 8 full level

**H04R 3/12** (2006.01); **H04R 5/04** (2006.01)

CPC (source: EP US)

**H04R 3/12** (2013.01 - US); **H04R 5/02** (2013.01 - US); **H04R 5/04** (2013.01 - US); **H04S 1/002** (2013.01 - EP US); **H04S 1/007** (2013.01 - US); **H04R 3/12** (2013.01 - EP); **H04R 2499/13** (2013.01 - EP US); **H04S 2400/05** (2013.01 - EP US)

Citation (search report)

See references of WO 2018172159A1

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)

**WO 2018172159 A1 20180927**; CN 110463224 A 20191115; DE 102017106022 A1 20180927; EP 3603107 A1 20200205; EP 3603107 B1 20230712; US 11153686 B2 20211019; US 2020137496 A1 20200430

DOCDB simple family (application)

**EP 2018056404 W 20180314**; CN 201880019782 A 20180314; DE 102017106022 A 20170321; EP 18711538 A 20180314; US 201816493476 A 20180314