

Title (en)

METHOD FOR OUTPUTTING AN AUDIO SIGNAL REPRODUCING A PIECE OF MUSIC INTO AN INTERIOR VIA AN OUTPUT DEVICE

Title (de)

VERFAHREN ZUR AUSGABE EINES EIN MUSIKSTÜCK ABBILDENDEN AUDIOSIGNALS IN EINEN INNENRAUM ÜBER EINE AUSGABEEINRICHTUNG

Title (fr)

PROCÉDÉ D'ÉMISSION D'UN SIGNAL AUDIO REPRODUISANT UN MORCEAU DE MUSIQUE DANS UN ESPACE INTÉRIEUR PAR L'INTERMÉDIAIRE D'UN DISPOSITIF D'ÉMISSION

Publication

**EP 3741136 B1 20240626 (DE)**

Application

**EP 18701148 A 20180118**

Priority

EP 2018051242 W 20180118

Abstract (en)

[origin: WO2019141368A1] Method for outputting an audio signal (AS) reproducing at least part of a piece of music containing part of at least one main voice, in particular a singing voice, into an interior (4) forming part of a passenger compartment (2) of a motor vehicle (3) via an audio output device (7) comprising a left and a right audio output channel (5, 6), comprising the steps of: – providing an audio signal (AS) reproducing at least part of a piece of music containing at least one main voice, – extracting an audio signal component (AS.2), containing the at least one main voice, of the audio signal (AS) from the audio signal (AS), – attenuating the audio signal component (AS.2) containing the at least one main voice, – outputting the audio signal via the left and right audio output channels (5, 6) of the audio output device (7), wherein the audio signal component (AS.2) containing the at least one main voice is output in attenuated fashion.

IPC 8 full level

**H04R 5/04** (2006.01); **G10H 1/36** (2006.01); **H04R 3/00** (2006.01)

CPC (source: EP US)

**G10H 1/361** (2013.01 - EP); **G10L 25/48** (2013.01 - US); **G10L 25/81** (2013.01 - US); **H04R 5/04** (2013.01 - EP US); **G10H 2210/305** (2013.01 - EP); **H04R 3/00** (2013.01 - EP); **H04R 2420/01** (2013.01 - EP); **H04R 2430/01** (2013.01 - EP US); **H04R 2430/03** (2013.01 - EP US); **H04R 2499/13** (2013.01 - EP 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 2019141368 A1 20190725**; CN 110278721 A 20190924; CN 110278721 B 20211012; EP 3741136 A1 20201125; EP 3741136 B1 20240626; US 11328741 B2 20220510; US 2021249037 A1 20210812

DOCDB simple family (application)

**EP 2018051242 W 20180118**; CN 201880003913 A 20180118; EP 18701148 A 20180118; US 201816962987 A 20180118