

Title (en)

LOUDSPEAKER SYSTEM FOR A MOTOR VEHICLE

Title (de)

LAUTSPRECHERSYSTEM FÜR EIN KRAFTFAHRZEUG

Title (fr)

SYSTÈME DE HAUT-PARLEUR POUR VÉHICULE À MOTEUR

Publication

EP 2817175 A1 20141231 (DE)

Application

EP 13706433 A 20130223

Priority

- DE 102012003769 A 20120224
- EP 2013000533 W 20130223

Abstract (en)

[origin: WO2013124075A1] A loudspeaker system (1) for a motor vehicle has at least one loudspeaker (5) which is arranged outside the passenger space (3) of the motor vehicle and is acoustically connected to the passenger space (3) by means of at least one pipeline (8). At least one sound damping device (9) is connected to the at least one pipeline (8) which leads from the at least one loudspeaker (5) to the passenger space (3), and/or to another pipeline (8) which is connected to the at least one loudspeaker (5).

IPC 8 full level

B60R 11/02 (2006.01)

CPC (source: EP US)

G10K 11/16 (2013.01 - EP US); **G10K 11/22** (2013.01 - EP US); **H04R 1/02** (2013.01 - US); **H04R 1/2803** (2013.01 - US); **H04R 1/2811** (2013.01 - US); **H04R 1/288** (2013.01 - US); **H04R 2499/13** (2013.01 - US)

Citation (search report)

See references of WO 2013124075A1

Cited by

WO2018234212A1

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)

DE 102012003769 B3 20130704; CN 103987580 A 20140813; CN 103987580 B 20190219; EP 2817175 A1 20141231; EP 2817175 B1 20160615; US 2015036840 A1 20150205; US 9681218 B2 20170613; WO 2013124075 A1 20130829

DOCDB simple family (application)

DE 102012003769 A 20120224; CN 201380004235 A 20130223; EP 13706433 A 20130223; EP 2013000533 W 20130223; US 201314380552 A 20130223