Title (en)

VEHICLE SPEAKER SYSTEM AND AUDIO SYSTEM

Title (de)

FAHRZEUGLAUTSPRECHERSYSTEM UND AUDIOSYSTEM

Title (fr)

SYSTÈME DE HAUT-PARLEUR DE VÉHICULE ET SYSTÈME AUDIO

Publication

EP 3503585 A1 20190626 (EN)

Application

EP 18214712 A 20181220

Priority

JP 2017244718 A 20171221

Abstract (en)

When an audio signal is applied from an audio device (1) to a voice coil (205), a voice coil bobbin (204) vibrates together with a connected diaphragm (208) due to an electromagnetic action of a magnetic flux generated from a magnetic circuit (220) and the audio signal flowing through the voice coil (205) according to the amplitude of the audio signal to generate a sound responsive to the audio signal. A front speaker (2) (Fig. 3A1) and a rear speaker (3) (Fig. 3B1) have substantially the same configuration, but the number of turns and the winding width (ChR) of the voice coil (205) of the rear speaker (3) (Fig. 3B2) is twice the number of turns and the winding width (ChF) of the voice coil (205) of the front speaker (2) (Fig. 3A2).

IPC 8 full level

H04R 5/02 (2006.01); H04R 9/06 (2006.01)

CPC (source: EP)

H04R 5/02 (2013.01); H04R 9/06 (2013.01); H04R 2499/13 (2013.01)

Citation (applicant)

- JP 2007243430 A 20070920 - PIONEER ELECTRONIC CORP, et al
- JP 2005311908 A 20051104 - FUJITSU TEN LTD

Citation (search report)

[I] WO 03001885 A2 20030109 - HARMAN INT IND [US], et al

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)

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DOCDB simple family (application)

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