

Title (en)
COMPOSITE SPEAKER DEVICE

Title (de)
ZUSAMMENGESETZTE LAUTSPRECHERVORRICHTUNG

Title (fr)
DISPOSITIF DE HAUT-PARLEUR COMPOSITE

Publication
EP 3174311 A4 20180228 (EN)

Application
EP 14898320 A 20140725

Priority
JP 2014069754 W 20140725

Abstract (en)
[origin: EP3174311A1] A composite speaker device capable of restraining a disturbance in sound radiation characteristics caused by propagation of a sound from a tweeter unit to a woofer unit is provided. A composite speaker device (1) includes a first speaker unit (10,16) having a first diaphragm (11,16a), a second speaker unit (20,26) which is installed in a sound radiation direction (D1) of the first diaphragm (11,16a) and has a second diaphragm (20,26a) with a diameter smaller than that of the first diaphragm (11,16a), and a sound absorbing material (30,35,36,51,61) attached to the surface of the first diaphragm (11,16a) in the sound radiation direction (D1) so as to surround the second diaphragm (21,26a).

IPC 8 full level
H04R 1/24 (2006.01); **H04R 7/12** (2006.01)

CPC (source: EP)
H04R 1/24 (2013.01); **H04R 7/12** (2013.01); **H04R 9/063** (2013.01); **H04R 1/2803** (2013.01)

Citation (search report)

- [X] US 2009046876 A1 20090219 - RECK KLAUS [DE]
- [X] DE 19728329 A1 19990204 - SEIKRITT WOLFGANG [DE]
- [AD] JP 2008263257 A 20081030 - MATSUSHITA ELECTRIC IND CO LTD
- See references of WO 2016013122A1

Cited by
WO2021119914A1

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)
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