

Title (en)  
COMPOSITE SPEAKER DEVICE

Title (de)  
ZUSAMMENGESETZTE LAUTSPRECHERVORRICHTUNG

Title (fr)  
DISPOSITIF DE HAUT-PARLEUR COMPOSITE

Publication  
**EP 3174311 A1 20170531 (EN)**

Application  
**EP 14898320 A 20140725**

Priority  
JP 2014069754 W 20140725

Abstract (en)  
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)

Cited by  
WO2021119914A1

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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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