

Title (en)  
Speaker device

Title (de)  
Lautsprechervorrichtung

Title (fr)  
Dispositif haut-parleur

Publication  
**EP 1713298 A3 20070905 (EN)**

Application  
**EP 06112616 A 20060413**

Priority  
JP 2005118285 A 20050415

Abstract (en)  
[origin: EP1713298A2] A speaker device (100) includes a speaker unit (80) having plural terminal portions (14a,14b) and a voice coil (8), and a speaker box (55) housing it. Each lead wire of the voice coil is connected to each wiring connected to an amplifier at a position of each terminal portion (14). The speaker box (55) includes a second housing (51) having plural ribs (51e), and a first housing (50) mounted on the second housing (51), having a pressing rib (50f) formed into a mesh shape. Each rib (51e) has a recessed portion (51f) fixing each wiring (15) and projects to a predetermined position on an inner surface of the second housing (51). Each wiring, arranged in the recessed portion (51f) of each rib (51e), floats by a predetermined height with respect to the inner surface of the second housing (51) to be fixed to each rib. To a position covering each rib and each wiring, a cushion member (150) is fixed. Moreover, the first housing (50) is mounted on the second housing (51), and the cushion member (150) is pressed on the side of each rib (51e) by a pressing rib (50f) provided on the inner surface of the first housing (50).

IPC 8 full level  
**H04R 1/02** (2006.01)

CPC (source: EP)  
**H04R 1/06** (2013.01); **H04R 2499/13** (2013.01)

Citation (search report)

- [X] JP H03147497 A 19910624 - MATSUSHITA ELECTRIC IND CO LTD
- [A] KR 20040107014 A 20041220 - ESTEC CORP
- [A] US 5838809 A 19981117 - SATO MASANOBU [JP], et al
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- [A] JP 2000335327 A 20001205 - SUMITOMO WIRING SYSTEMS
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1713298 A2 20061018; EP 1713298 A3 20070905**; JP 2006303578 A 20061102

DOCDB simple family (application)  
**EP 06112616 A 20060413**; JP 2005118285 A 20050415