

Title (en)

Device for transmitting sound in a vehicle

Title (de)

Vorrichtung zur Geräuschübertragung in einem Kraftfahrzeug

Title (fr)

Dispositif de transfert de bruit dans un véhicule

Publication

**EP 1630404 A3 20110601 (DE)**

Application

**EP 05107103 A 20050801**

Priority

DE 102004041698 A 20040828

Abstract (en)

[origin: EP1630404A2] The device has a housing with a partition wall, and two separate partition space bounded by the housing and wall. A covering flap (6) is penetrated by the wall and rotates around a swivel axis. A flexible and partly broken sealing unit (8) that is arranged in a gap between a circulating edge of the flap and the housing is parallel to the axis. The unit has through holes that are arranged in the area of longitudinal edges of the flap.

IPC 8 full level

**F02M 35/10** (2006.01)

CPC (source: EP US)

**F02M 35/10019** (2013.01 - EP US); **F02M 35/10301** (2013.01 - EP US); **F02M 35/1222** (2013.01 - EP US); **F02M 35/1294** (2013.01 - EP US); **G10K 11/22** (2013.01 - EP US)

Citation (search report)

- [A] DE 3011294 A1 19811001 - MITSUBISHI ELECTRIC CORP [JP]
- [A] DE 10149169 C1 20021212 - WOCO FRANZ JOSEF WOLF & CO GMBH [DE]
- [A] WO 03102917 A1 20031211 - DAIMLER CHRYSLER AG [DE], et al

Cited by

CN110985249A; EP2196662A3

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 1630404 A2 20060301**; **EP 1630404 A3 20110601**; DE 102004041698 A1 20060302; DE 102004041698 B4 20140213; JP 2006063979 A 20060309; JP 4651483 B2 20110316; US 2006060419 A1 20060323

DOCDB simple family (application)

**EP 05107103 A 20050801**; DE 102004041698 A 20040828; JP 2005235929 A 20050816; US 21172605 A 20050826