

Title (en)

Housing for the ultrasonic transducer for a vehicle

Title (de)

Gehäuse für den Ultraschallwandler eines Kraftfahrzeuges

Title (fr)

Boîtier pour le transducteur à ultrasons pour un véhicule

Publication

**EP 1221689 A3 20071226 (DE)**

Application

**EP 01128483 A 20011207**

Priority

DE 10100376 A 20010105

Abstract (en)

[origin: EP1221689A2] Ultrasonic converter for a motor vehicle comprises a housing (12) with a base part (14) and a receiving opening at least partly closed by a cover (16). The cover is rotatably connected to the base part by a flexible material bridge in one piece. Preferred Features: The cover is molded on the base part on one side by a film hinge (18) and held in a closed position preferably by a snap-in connection (22). The base part and the cover are designed as semicylindrical shells made of plastic, preferably by an injection molding process.

IPC 8 full level

**G10K 9/22** (2006.01); **G10K 11/00** (2006.01)

CPC (source: EP)

**G10K 9/22** (2013.01); **G10K 11/004** (2013.01)

Citation (search report)

- [X] DE 2821312 A1 19781130 - COMMISSARIAT ENERGIE ATOMIQUE
- [A] DE 19601987 A1 19970724 - TEVES GMBH ALFRED [DE]

Cited by

US7189919B2; WO2004036970A1; WO2007093214A1; US8146450B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

**EP 1221689 A2 20020710; EP 1221689 A3 20071226; DE 10100376 A1 20020711**

DOCDB simple family (application)

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