

Title (en)

Method for fabricating an ultrasonic sensor and ultrasonic sensor

Title (de)

Verfahren zur Herstellung eines Ultraschallsensors sowie Ultraschallsensor

Title (fr)

Procédé de fabrication d'un capteur à ultrasons ainsi qu'un capteur à ultrasons

Publication

EP 1260965 A3 20080730 (DE)

Application

EP 02003246 A 20020221

Priority

DE 10125272 A 20010523

Abstract (en)

[origin: EP1260965A2] The method involves introducing a decoupling medium (7) in a deformable state between a membrane (5) and the housing (3) of the sensor. The decoupling medium can be poured between the membrane and housing. The decoupling medium can be injection molded between the membrane and housing. A piezo-ceramic is arranged on the membrane. AN Independent claim is also included for an ultrasonic sensor.

IPC 8 full level

G10K 11/00 (2006.01); **G10K 9/122** (2006.01)

CPC (source: EP)

G10K 9/122 (2013.01); **G10K 9/18** (2013.01)

Citation (search report)

- [XY] DE 19927797 C1 20001207 - FRAUNHOFER GES FORSCHUNG [DE]
- [Y] DE 19809207 C1 19990826 - SIEMENS AG [DE]

Cited by

EP1902789A1; US7929377B2; US8104351B2; WO2007144047A1; WO2007144063A3; WO2007144065A3; EP3012654A1; DE102014115333A1; WO2022084091A1

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)

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DOCDB simple family (application)

EP 02003246 A 20020221; DE 10125272 A 20010523