

Title (en)
ULTRASOUND SENSOR

Title (de)
ULTRASCHALLSENSOR

Title (fr)
CAPTEUR PAR ULTRASONS

Publication
EP 2027579 A1 20090225 (DE)

Application
EP 07725046 A 20070510

Priority
• EP 2007004124 W 20070510
• DE 102006028212 A 20060614

Abstract (en)
[origin: WO2007144047A1] The invention relates to an ultrasound sensor (2), in particular a vehicle ultrasound sensor, with a housing (4) with a membrane (6) mounted in or on a ring-shaped section (12) of the housing (4), and with a decoupling element (10) which extends at least in some sections between the membrane (6) and the ring-shaped housing section (12), at least one material recess (14 to 20) being provided in the ring-shaped housing section (12), and at least one material recess (14 to 20) viewed in the circumferential direction of the housing section (12) occupying at least 10% of the total circumference of the housing section (12).

IPC 8 full level
G10K 9/22 (2006.01); **G01S 7/521** (2006.01); **G01S 15/93** (2006.01)

CPC (source: EP)
G10K 9/22 (2013.01)

Citation (search report)
See references of WO 2007144047A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006028212 A1 20071220; EP 2027579 A1 20090225; WO 2007144047 A1 20071221

DOCDB simple family (application)
DE 102006028212 A 20060614; EP 07725046 A 20070510; EP 2007004124 W 20070510