Title (en)

ULTRASONIC SENSOR DEVICE COMPRISING A REINFORCEMENT HOLDER, ARRANGEMENT, MOTOR VEHICLE AND CORRESPONDING METHOD

Title (de)

ULTRASCHALLSENSORVORRICHTUNG MIT EINEM VERSTEIFUNGSHALTER, ANORDNUNG, KRAFTFAHRZEUG UND ENTSPRECHENDES VERFAHREN

Title (fr)

ENSEMBLE CAPTEUR À ULTRASONS DOTÉ D'UN SUPPORT DE RENFORCEMENT, ENSEMBLE, VÉHICULE À MOTEUR ET PROCÉDÉ CORRESPONDANT

Publication

EP 2877874 A2 20150603 (DE)

Application

EP 13741724 A 20130723

Priority

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- EP 2013065515 W 20130723

Abstract (en)

[origin: WO2014016298A2] The invention relates to an ultrasonic sensor device (1) for a motor vehicle, comprising an ultrasonic sensor (7) which comprises a crucible-shaped membrane (6) for emitting and/or capturing ultrasonic signals, and a sensor housing (10), a reinforcement element (3) arranged about the membrane (6), and a maintaining element (4) which is designed to maintain the sensor housing (10) on a rear side of a lining part of the motor vehicle, said reinforcement element (3) and the holding element (4) are designed as a single piece made from a uniform material.

IPC 8 full level

G01S 7/521 (2006.01); **B60R 19/48** (2006.01); **G10K 11/16** (2006.01); **H04R 7/16** (2006.01); G01S 15/931 (2020.01)

CPC (source: CN EP US)

G01S 7/521 (2013.01 - CN EP US); **G01S 15/08** (2013.01 - US); **H04R 1/021** (2013.01 - CN EP US); G01S 15/931 (2013.01 - CN EP US); G01S 2015/938 (2013.01 - CN EP US); G10K 11/004 (2013.01 - CN EP US); G10K 11/16 (2013.01 - CN EP US); H04R 7/16 (2013.01 - CN EP US); H04R 2499/13 (2013.01 - CN EP US); Y10T 29/49016 (2015.01 - EP US)

Citation (search report)

See references of WO 2014016298A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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