

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

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Application
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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

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