

Title (en)

ALTERNATIVE INSTALLATION OF A CONCEALED ULTRASONIC SENSOR IN A MOTOR VEHICLE

Title (de)

ALTERNATIVER EINBAU EINES VERDECKTEN ULTRASCHALLSENSORS IM KRAFTFAHRZEUG

Title (fr)

VARIANTE D'INTÉGRATION D'UN CAPTEUR À ULTRASONS DISSIMULÉ DANS UN VÉHICULE

Publication

EP 2877872 A1 20150603 (DE)

Application

EP 13740276 A 20130723

Priority

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- EP 2013065507 W 20130723

Abstract (en)

[origin: WO2014016293A1] The invention relates to an ultrasonic sensor arrangement (2) for a motor vehicle (1), having a trim component (4, 5, 8, 9) and a first ultrasonic sensor (10 to 13) which is arranged with its diaphragm on a rear side of the trim component (4, 5, 8, 9), with the result that the diaphragm is designed to transmit and/or receive ultrasonic signals through the trim component (4, 5, 8, 9), wherein the trim component (4, 5, 8, 9) is a mudguard (4, 5, 8, 9) for the motor vehicle (1).

IPC 8 full level

G01S 7/521 (2006.01); **G01S 15/931** (2020.01)

CPC (source: CN EP US)

B60R 19/483 (2013.01 - US); **G01S 7/521** (2013.01 - CN EP US); **G01S 7/54** (2013.01 - US); **G01S 15/06** (2013.01 - US); **G01S 15/931** (2013.01 - CN EP US); **G01S 15/876** (2013.01 - EP US); **G01S 2015/932** (2013.01 - CN EP US); **G01S 2015/937** (2013.01 - CN EP US); **G01S 2015/938** (2013.01 - EP US)

Citation (search report)

See references of WO 2014016293A1

Citation (examination)

- DE 102010028829 A1 20111117 - BOSCH GMBH ROBERT [DE]
- EP 2293102 A1 20110309 - BOSCH GMBH ROBERT [DE]
- DE 102011016287 A1 20120719 - VOLKSWAGEN AG [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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