

Title (en)  
ULTRASONIC SENSOR SYSTEM AND METHOD FOR DETECTING OBJECTS IN THE SURROUNDINGS OF A VEHICLE, AND VEHICLE COMPRISING AN ULTRASONIC SENSOR SYSTEM

Title (de)  
ULTRASCHALLSENSORSYSTEM UND VERFAHREN ZUM ERKENNEN VON OBJEKTEN IM UMFELD EINES FAHRZEUGS, SOWIE FAHRZEUG MIT EINEM ULTRASCHALLSENSORSYSTEM

Title (fr)  
SYSTÈME DE CAPTEURS À ULTRASON ET PROCÉDÉ DE DÉTECTION D'OBJETS DANS L'ENVIRONNEMENT D'UN VÉHICULE ET VÉHICULE ÉQUIPÉ D'UN SYSTÈME DE CAPTEURS À ULTRASON

Publication  
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Application  
**EP 19722577 A 20190503**

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Abstract (en)  
[origin: WO2019215028A1] The invention relates to an ultrasonic sensor system for detecting objects in the surroundings of a vehicle, said system comprising a first group of ultrasonic sensors and a second group of ultrasonic sensors. The ultrasonic sensors of the first group each have a first installation height on the vehicle and the ultrasonic sensors of the second group of ultrasonic sensors each have a second installation height on the vehicle, the first installation height being greater than the second installation height. The ultrasonic sensors of the first group have a higher sensitivity for the detection of objects than the ultrasonic sensors of the second group.

IPC 8 full level  
**G01S 15/931** (2020.01); **G01S 15/87** (2006.01)

CPC (source: EP US)  
**B60R 19/483** (2013.01 - US); **G01S 7/521** (2013.01 - US); **G01S 15/87** (2013.01 - EP); **G01S 15/931** (2013.01 - EP US); **G01S 2015/938** (2013.01 - US); **G01S 2015/939** (2013.01 - EP)

Citation (search report)  
See references of WO 2019215028A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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