Title (en)

DRIVER ASSISTANCE SYSTEM FOR DETECTING AN OBJECT IN THE SURROUNDINGS OF A VEHICLE

Title (de)

FAHRERASSISTENZSYSTEM ZUR DETEKTION EINES OBJEKTS IN EINER FAHRZEUGUMGEBUNG

Title (fr)

SYSTÈME D'AIDE À LA CONDUITE POUR DÉTECTER UN OBJET DANS L'ENVIRONNEMENT D'UN VÉHICULE

Publication

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Application

EP 11790895 A 20111102

Priority

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Abstract (en)

[origin: WO2012072360A1] The invention relates to a method in a driver assistance system (200) of a vehicle for detecting an object in the surroundings of the vehicle. The method comprises the following steps: transmitting at least one measurement pulse by a transmitter (202); receiving a reflection of the measurement pulse by at least one receiver (116); determining a Doppler shift between the transmitted measurement pulse and the received reflection in an evaluation unit (208); and determining a direction to the object, on the basis of the determined Doppler shift.

IPC 8 full level

G01S 15/931 (2020.01); **G01S 7/292** (2006.01); **G01S 7/527** (2006.01); **G01S 13/58** (2006.01); **G01S 15/42** (2006.01); **G01S 15/58** (2006.01)

CPC (source: EP US)

G01S 7/5276 (2013.01 - EP US); **G01S 13/588** (2013.01 - EP US); **G01S 15/42** (2013.01 - EP US); **G01S 15/582** (2013.01 - EP US); **G01S 15/931** (2013.01 - EP US); G01S 7/2925 (2013.01 - EP US); G01S 15/588 (2013.01 - EP US); G01S 2013/9314 (2013.01 - EP US); G01S 2015/933 (2013.01 - EP US)

Citation (search report)

See references of WO 2012072360A1

Citation (examination)

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DOCDB simple family (application)

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