

Title (en)

Device and method for determining the direction, speed and/or distance of vehicles

Title (de)

Vorrichtungen und Verfahren zur Klassifizierung von Fahrzeugen

Title (fr)

Dispositif et procédé destinés à la détermination de la direction, de la vitesse et/ou de l'écart de véhicules

Publication

EP 2306429 B1 20120321 (DE)

Application

EP 09450190 A 20091001

Priority

EP 09450190 A 20091001

Abstract (en)

[origin: EP2306429A1] The device (1) has a sensor (4) that is operated according to a light-section procedure, and directed onto a roadway (3) to detect the surface contour of an object. An evaluation unit (6) is connected to the sensor that classifies the object on the basis of the detected surface contour.

IPC 8 full level

G08G 1/04 (2006.01); **G01B 11/25** (2006.01); **G08G 1/015** (2006.01); **G08G 1/017** (2006.01); **G08G 1/052** (2006.01); **G08G 1/056** (2006.01)

CPC (source: EP US)

G08G 1/015 (2013.01 - EP US); **G08G 1/017** (2013.01 - EP US); **G08G 1/04** (2013.01 - EP US)

Citation (examination)

DATABASE INSPEC [online] THE INSTITUTION OF ELECTRICAL ENGINEERS, STEVENAGE, GB; January 2007 (2007-01-01), OBERGRUSSBERGER R: "Three-dimensional mechanical measurements using lasers", Database accession no. 9312080 & ELEKTRONIK INDUSTRIE HUTHIG GERMANY, vol. 38, no. 1-2, pages 74 - 78, ISSN: 0374-3144

Cited by

DE102011053052B3; DE102013201821A1; DE102013201821B4; US9177211B2; EP2804014A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2306429 A1 20110406; EP 2306429 B1 20120321; AT E550750 T1 20120415; AU 2010214634 A1 20110421; AU 2010214634 B2 20131031; CA 2716158 A1 20110401; CL 2010001008 A1 20110819; CN 102034087 A 20110427; DK 2306429 T3 20120709; ES 2384750 T3 20120711; NZ 587584 A 20110225; PL 2306429 T3 20120831; PT 2306429 E 20120517; SI 2306429 T1 20120731; US 2011103647 A1 20110505; ZA 201006521 B 20110629

DOCDB simple family (application)

EP 09450190 A 20091001; AT 09450190 T 20091001; AU 2010214634 A 20100824; CA 2716158 A 20100930; CL 2010001008 A 20100927; CN 201010297852 A 20100928; DK 09450190 T 20091001; ES 09450190 T 20091001; NZ 58758410 A 20100825; PL 09450190 T 20091001; PT 09450190 T 20091001; SI 200930262 T 20091001; US 89681310 A 20101001; ZA 201006521 A 20100910