

Title (en)

Device for sensing at least one property of a surface-bound vehicle

Title (de)

Vorrichtung zur Abtastung von mindestens einer Eigenschaft eines flächengebundenen Fahrzeugs

Title (fr)

Dispositif de détection d'au moins une propriété d'un véhicule relié à une surface

Publication

EP 2128837 A1 20091202 (EN)

Application

EP 08009965 A 20080530

Priority

EP 08009965 A 20080530

Abstract (en)

Device for sensing at least one property of a surface-bound vehicle comprising: - a pressure sensitive sensor with at least one sensor-element, whereby said pressure sensitive sensor is designed to produce a signal based on a pressure induced change of a property of the sensor-element, and - a magnetic sensor that is designed to detect local changes in the earth's magnetic field and/or the magnetic field generated by the vehicle.

IPC 8 full level

G08G 1/015 (2006.01); **G08G 1/02** (2006.01); **G08G 1/042** (2006.01)

CPC (source: EP)

G08G 1/015 (2013.01); **G08G 1/02** (2013.01); **G08G 1/042** (2013.01)

Citation (applicant)

- US 3164802 A 19650105 - KLEIST ROBERT A, et al
- US 6417784 B1 20020709 - HILLIARD STEVEN R [US], et al
- US 3249915 A 19660503 - KOERNER RALPH J
- US 5491475 A 19960213 - ROUSE GORDON F [US], et al
- US 4712423 A 19871215 - SIFFERT MARCEL [FR], et al
- US 5926584 A 19990720 - MOTZKO FRIEDRICH [DE], et al

Citation (search report)

- [XY] US 6300883 B1 20011009 - TYBURSKI ROBERT [US], et al
- [X] EP 0357893 A2 19900314 - MESSERSCHMITT BOELKOW BLOHM [DE]
- [X] DE 4212341 A1 19931014 - PIETZSCH AUTOMATISIERUNGSTECH [DE]
- [Y] US 2004178930 A1 20040916 - CYBULSKI ERIC R [US]
- [DY] EP 0763724 A1 19970319 - MOTZKO FRIEDRICH [DE]
- [DY] US 5491475 A 19960213 - ROUSE GORDON F [US], et al
- [XY] SHENGLI SHI ET AL: "Robust Algorithm of Vehicle Classification", SOFTWARE ENGINEERING, ARTIFICIAL INTELLIGENCE, NETWORKING, AND PARALLEL/DISTRIBUTED COMPUTING, 2007. SNPD 2007. EIGHTH ACIS INTERNATIONAL CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 1 July 2007 (2007-07-01), pages 269 - 272, XP031125088, ISBN: 978-0-7695-2909-7

Cited by

CN112945362A; EP4195176A1; DE102011014855A1; WO2014089591A1; KR101366099B1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2128837 A1 20091202; WO 2009144029 A1 20091203

DOCDB simple family (application)

EP 08009965 A 20080530; EP 2009003864 W 20090529