

Title (en)
INFRASTRUCTURE DETECTION DEVICE FOR A VEHICLE, METHOD FOR GENERATING A SIGNAL, AND METHOD FOR PROVIDING REPAIR INFORMATION

Title (de)
INFRASTRUKTURERKENNUNGSVORRICHTUNG FÜR EIN FAHRZEUG, VERFAHREN ZUM ERZEUGEN EINES SIGNALS UND VERFAHREN ZUM BEREITSTELLEN EINER REPARATURINFORMATION

Title (fr)
DISPOSITIF DE RECONNAISSANCE D'INFRASTRUCTURE POUR UN VÉHICULE, PROCÉDÉ DE GÉNÉRATION D'UN SIGNAL ET PROCÉDÉ DE FOURNITURE D'UNE INFORMATION DE RÉPARATION

Publication
EP 3427242 A1 20190116 (DE)

Application
EP 17703681 A 20170127

Priority
• DE 102016203959 A 20160310
• EP 2017051850 W 20170127

Abstract (en)
[origin: WO2017153090A1] The invention relates to an infrastructure detection device (100) for a vehicle (102). The infrastructure detection device (100) comprises at least one sensor unit (105) for detecting at least one piece of infrastructure information (120) which represents at least one structural actual feature of an infrastructure device (125). The infrastructure detection device (100) further has an interface (110) with at least one piece of target infrastructure information (130) which represents at least one structural target feature of the infrastructure device (125). Lastly, the infrastructure detection device (100) comprises a comparison unit (115) for comparing the infrastructure information (120) with the target infrastructure information (130). The comparison unit (115) is designed to generate a signal (135) if a specific relationship exists between the infrastructure information (120) and the target infrastructure information (130).

IPC 8 full level
G08G 1/097 (2006.01); **E01C 23/01** (2006.01); **G01B 21/20** (2006.01); **G01C 7/04** (2006.01); **G07C 11/00** (2006.01)

CPC (source: EP US)
E01C 23/01 (2013.01 - EP US); **G06T 7/0002** (2013.01 - US); **G06V 20/56** (2022.01 - EP US); **G06V 20/582** (2022.01 - US); **G06V 20/584** (2022.01 - US); **G07C 11/00** (2013.01 - EP US); **G08G 1/097** (2013.01 - EP US); **G01B 11/24** (2013.01 - EP US)

Citation (search report)
See references of WO 2017153090A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017153090 A1 20170914; CN 108780607 A 20181109; DE 102016203959 A1 20170914; EP 3427242 A1 20190116; JP 2019507933 A 20190322; US 2019095728 A1 20190328

DOCDB simple family (application)
EP 2017051850 W 20170127; CN 201780016244 A 20170127; DE 102016203959 A 20160310; EP 17703681 A 20170127; JP 2018547349 A 20170127; US 201716081563 A 20170127