Title (en)

APPARATUS AND METHOD FOR DETECTING OBJECTS IN A STREAM OF SENSOR DATA

Title (de)

VORRICHTUNG UND VERFAHREN ZUM DETEKTIEREN VON OBJEKTEN IN EINEM STROM VON SENSORDATEN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR DÉTECTER DES OBJETS DANS UN FLUX DE DONNÉES DE CAPTEUR

Publication

EP 2771843 A1 20140903 (DE)

Application

EP 12759389 A 20120828

Priority

- DE 102011085060 A 20111024
- EP 2012066647 W 20120828

Abstract (en)

[origin: WO2013060505A1] The invention relates to an apparatus (101) for detecting objects (103a, 103b, 103c, 103d, 103e) in a stream of sensor data (105), wherein the sensor data (105) are formed by means of an ambient sensor (403) on a vehicle and correspond to a vehicle environment sensed by means of the ambient sensor (403), comprising: - a position finding device (107) for finding a vehicle position, - an investigator (109) for ascertaining what object is arranged on a route of the vehicle in the direction of travel after the vehicle position that has been found, and - a filter (111) for filtering the sensor data (105) in accordance with the ascertained object in order to detect the object in the sensor data (105). The invention also relates to an appropriate method, an appropriate system and also a vehicle system and a computer program.

IPC 8 full level

G06K 9/68 (2006.01); **G06F 17/30** (2006.01); **G06K 9/00** (2006.01)

CPC (source: EP US)

G06T 1/0007 (2013.01 - US); **G06T 7/70** (2016.12 - EP US); **G06V 20/56** (2022.01 - US); **G06V 20/582** (2022.01 - EP US); **G06V 30/2504** (2022.01 - EP US); G06T 2207/10016 (2013.01 - US)

Citation (search report)

See references of WO 2013060505A1

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

DOCDB simple family (publication)

DE 102011085060 A1 20130425; CN 103890784 A 20140625; EP 2771843 A1 20140903; US 2014350852 A1 20141127; WO 2013060505 A1 20130502

DOCDB simple family (application)

DE 102011085060 A 20111024; CN 201280052083 A 20120828; EP 12759389 A 20120828; EP 2012066647 W 20120828; US 201214353209 A 20120828