

Title (en)

METHOD, APPARATUS AND SYSTEM FOR NAVIGATING AUTONOMOUS VEHICLES

Title (de)

VERFAHREN, VORRICHTUNG UND SYSTEM ZUR NAVIGATION AUTONOMER FAHRZEUGE

Title (fr)

PROCÉDÉ, DISPOSITIF ET SYSTÈME DE NAVIGATION DE VÉHICULES AUTONOMES

Publication

**EP 3938734 A1 20220119 (DE)**

Application

**EP 20705648 A 20200212**

Priority

- DE 102019203484 A 20190314
- EP 2020053512 W 20200212

Abstract (en)

[origin: WO2020182391A1] A method for navigating an autonomous vehicle using object information received from a management system is shown. An associated apparatus and an associated system are likewise disclosed. In this case, the method for navigating an autonomous vehicle comprises the steps of receiving (S4) sensor information from a sensor system fitted to the vehicle, receiving (S5) object information from a management system which stores information relating to objects in an operating area of the autonomous vehicle, and determining (S6) the position of the autonomous vehicle on the basis of the sensor information and the object information.

IPC 8 full level

**G01C 21/00** (2006.01); **B66F 9/075** (2006.01); **G01S 17/89** (2020.01); **G05B 1/00** (2006.01); **G05D 1/02** (2020.01)

CPC (source: EP US)

**B60W 60/001** (2020.02 - US); **B66F 9/0755** (2013.01 - EP); **G01C 21/005** (2013.01 - EP US); **G05D 1/0234** (2024.01 - EP US); **G05D 1/0278** (2024.01 - US); **G05D 1/0282** (2024.01 - EP); **B60W 2554/00** (2020.02 - US); **B60W 2554/4041** (2020.02 - US); **B60W 2556/50** (2020.02 - US)

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 2020182391 A1 20200917**; CN 113544465 A 20211022; DE 102019203484 A1 20200917; EP 3938734 A1 20220119; US 2022155076 A1 20220519

DOCDB simple family (application)

**EP 2020053512 W 20200212**; CN 202080018605 A 20200212; DE 102019203484 A 20190314; EP 20705648 A 20200212; US 202017438472 A 20200212