

Title (en)

MICRO-NAVIGATION FOR A VEHICLE

Title (de)

MIKRONAVIGATION FÜR EIN FAHRZEUG

Title (fr)

MICRO-NAVIGATION POUR UN VÉHICULE

Publication

EP 4031837 A1 20220727 (EN)

Application

EP 20865589 A 20200916

Priority

- US 201962902392 P 20190919
- US 202017022027 A 20200915
- US 2020050940 W 20200916

Abstract (en)

[origin: WO2021055384A1] A system and method for micro-navigation of a mobile object (1000) is disclosed herein. Micro-navigation provides guidance to destinations that are not normally found on maps or in navigation systems. In one micro-navigation method, data is collected (1501) related to route transit to specific end points that are not typically mapped. The end points are identified (1502) by relating specific geo coordinates, or physical landmark based characteristics, or electronically described and defined end point to an identification that will be entered and stored in a location database. Guidance (1503) is provided to vehicles traveling to those end points or destinations, with additional information relevant to a route and/or a specific vehicle and configuration updated and made available to the system.

IPC 8 full level

G01C 21/34 (2006.01); **G07C 5/08** (2006.01); **G08G 1/0968** (2006.01); **H04W 4/44** (2018.01)

CPC (source: EP)

G01C 21/3407 (2013.01); **G07C 5/008** (2013.01); **G08G 1/096811** (2013.01); **G08G 1/096894** (2013.01); **H04L 69/26** (2013.01);
H04W 4/024 (2018.01); **H04W 4/025** (2013.01); **H04W 4/44** (2018.01)

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 2021055384 A1 20210325; CA 3154483 A1 20210325; EP 4031837 A1 20220727; EP 4031837 A4 20231025; MX 2022003296 A 20220412

DOCDB simple family (application)

US 2020050940 W 20200916; CA 3154483 A 20200916; EP 20865589 A 20200916; MX 2022003296 A 20200916