

Title (en)  
NAVIGATION METHOD AND NAVIGATION DEVICE

Title (de)  
NAVIGATIONSVERFAHREN UND NAVIGATIONSVORRICHTUNG

Title (fr)  
PROCÉDÉ DE NAVIGATION ET DISPOSITIF DE NAVIGATION

Publication  
**EP 3673235 A1 20200701 (DE)**

Application  
**EP 18740196 A 20180711**

Priority

- DE 102017007984 A 20170823
- DE 102017008830 A 20170920
- DE 102017009338 A 20171007
- EP 2018068785 W 20180711

Abstract (en)  
[origin: WO2019037939A1] The present invention relates to a navigation method and a navigation device for performing a navigation method for at least one autonomously driving road vehicle within a bounded area. In order to specify a navigation device and a navigation method, in particular, that allows autonomous driving in a bounded area reliably and in cost-saving fashion, it is proposed that the bounded area has a multiplicity of fixed stations arranged in it, each having a transmission/reception unit, that are wirelessly connectable to a transmission/reception unit of the vehicle for the purpose of data interchange, so that the position and the speed of the vehicle is explicitly determinable by virtue of the propagation delay of a signal from the transmission/reception unit of the vehicle to at least two stations and back being ascertained.

IPC 8 full level  
**G01C 21/26** (2006.01); **G01S 5/02** (2010.01); **G05D 1/02** (2020.01)

CPC (source: EP US)  
**G01C 21/26** (2013.01 - EP); **G01C 21/30** (2013.01 - US); **G01S 5/0289** (2013.01 - US); **G01S 13/589** (2013.01 - US); **G01S 13/74** (2013.01 - EP); **G01S 13/876** (2013.01 - EP US); **G01S 13/878** (2013.01 - EP US); **G01S 13/931** (2013.01 - US); **G01S 17/58** (2013.01 - US); **G01S 17/931** (2020.01 - US); **G05D 1/0214** (2024.01 - US); **G05D 1/0276** (2024.01 - US); **G05D 1/0291** (2024.01 - US); **G08G 1/0116** (2013.01 - US); **G08G 1/04** (2013.01 - US); **G08G 1/052** (2013.01 - US); **H04W 4/02** (2013.01 - EP); **H04W 4/38** (2018.02 - EP); **H04W 4/44** (2018.02 - US); **G01S 13/589** (2013.01 - EP); **G01S 2013/9321** (2013.01 - EP US); **G01S 2013/9325** (2013.01 - EP); **G01S 2013/9329** (2020.01 - EP US); **H04W 4/023** (2013.01 - EP); **H04W 4/20** (2013.01 - EP); **H04W 4/40** (2018.02 - EP)

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 2019037939 A1 20190228**; CN 110869703 A 20200306; EP 3673235 A1 20200701; US 2020209868 A1 20200702

DOCDB simple family (application)  
**EP 2018068785 W 20180711**; CN 201880046119 A 20180711; EP 18740196 A 20180711; US 201816640565 A 20180711