

Title (en)

Device and method for determining the orientation of a parking space for a vehicle

Title (de)

Verfahren und Vorrichtung zur Erfassung der Orientierung einer Parklücke für ein Fahrzeug

Title (fr)

Procédé et dispositif de détection de l'orientation d'une place de stationnement pour un véhicule

Publication

**EP 2302608 A3 20120425 (DE)**

Application

**EP 10172817 A 20100813**

Priority

DE 102009029553 A 20090917

Abstract (en)

[origin: EP2302608A2] The method involves determining of depth information (d) along a parking section (20) while the vehicle is directed to the parking space by a distance sensor device (42) at the vehicle. The parking section has the parking space (10). The length of the parking space is calculated by processing of the depth information along the parking section. Independent claims are also included for the following: (1) a memory device; and (2) a navigation device.

IPC 8 full level

**G08G 1/16** (2006.01); **G01C 21/36** (2006.01)

CPC (source: EP)

**G08G 1/147** (2013.01); **G08G 1/165** (2013.01); **G08G 1/168** (2013.01)

Citation (search report)

- [I] DE 102004037641 A1 20060316 - FENDT GUENTER [DE]
- [AD] US 2003074129 A1 20030417 - CURBOW DAVID [US], et al
- [A] EP 2011699 A1 20090107 - TOYOTA MOTOR CO LTD [JP]

Cited by

FR3069221A1; EP2746138A1; CN114132303A; US9156497B2; WO2017029220A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2302608 A2 20110330; EP 2302608 A3 20120425; EP 2302608 B1 20150225**; DE 102009029553 A1 20110324

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