

Title (en)

METHOD, APPARATUS AND COMPUTER PROGRAM FOR DETERMINING OCCUPANCY STATES OF PARKING SPACES AND FOR IDENTIFYING A MOTOR VEHICLE PARKED IN A PARKING SPACE

Title (de)

VERFAHREN, VORRICHTUNG UND COMPUTERPROGRAMM ZUM ERMITTELN VON BELEGUNGSZUSTÄNDEN VON STELLPLÄTZEN SOWIE ZUM IDENTIFIZIEREN EINES AUF EINEM STELLPLATZ ABGESTELLTEN KRAFTFAHRZEUGS

Title (fr)

PROCÉDÉ, DISPOSITIF ET PROGRAMME D'ORDINATEUR POUR DÉTERMINER DES ÉTATS D'OCCUPATION DE PLACES DE STATIONNEMENT AINSI QUE POUR IDENTIFIER UN VÉHICULE AUTOMOBILE GARÉ SUR UNE PLACE DE STATIONNEMENT

Publication

**EP 3685365 A1 20200729 (DE)**

Application

**EP 18746934 A 20180727**

Priority

- DE 102017216562 A 20170919
- EP 2018070441 W 20180727

Abstract (en)

[origin: WO2019057371A1] The invention relates to a method for determining a particular occupancy state of a plurality of parking spaces in a parking area and for identifying a motor vehicle parked in one of the plurality of parking spaces using a further motor vehicle, wherein the further motor vehicle has one or more environment sensors, comprising the following steps of: capturing an environment of the further motor vehicle during a journey of the further motor vehicle within the parking area by means of the one or more environment sensors in order to determine environment data corresponding to the captured environment, determining a particular occupancy state of the plurality of parking spaces on the basis of the environment data, and, if a motor vehicle parked in one of the plurality of parking spaces is detected, identifying the parked motor vehicle. The invention also relates to a corresponding apparatus, to a corresponding motor vehicle, to a corresponding server and to a computer program.

IPC 8 full level

**G08G 1/01** (2006.01); **G08G 1/14** (2006.01)

CPC (source: EP)

**G08G 1/0129** (2013.01); **G08G 1/146** (2013.01)

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)

**DE 102017216562 A1 20190321**; CN 111108535 A 20200505; CN 111108535 B 20240611; EP 3685365 A1 20200729; WO 2019057371 A1 20190328

DOCDB simple family (application)

**DE 102017216562 A 20170919**; CN 201880060731 A 20180727; EP 18746934 A 20180727; EP 2018070441 W 20180727