

Title (en)

METHOD AND SYSTEM FOR OPTIMIZING THE PARKING SPACE SEARCH OF A VEHICLE, AND COMPUTER PROGRAM PRODUCT

Title (de)

VERFAHREN UND SYSTEM ZUR OPTIMIERUNG DER PARKPLATZSUCHE EINES FAHRZEUGES UND EIN COMPUTERPROGRAMMPRODUKT

Title (fr)

PROCÉDÉ ET SYSTÈME D'OPTIMISATION DE LA RECHERCHE DE PLACE DE STATIONNEMENT D'UN VÉHICULE ET PRODUIT PROGRAMME INFORMATIQUE

Publication

EP 3390966 A1 20181024 (DE)

Application

EP 16815837 A 20161216

Priority

- DE 102015225893 A 20151218
- EP 2016081508 W 20161216

Abstract (en)

[origin: WO2017103157A1] The invention relates to a method for optimizing the parking space search of a vehicle. The method is characterized in that during the method, at least one solution option is ascertained, and an optimization solution is ascertained from the at least one solution option, wherein the probability of the availability of at least one parking space is used as an optimization parameter, the position of the at least one parking space relative to a destination is used as an additional optimization parameter, expressed as the duration until the arrival at the destination from the at least one parking space, and the drive duration from a starting location to the at least one parking space is used as an additional optimization parameter. The invention additionally relates to a corresponding system and to a corresponding computer program product.

IPC 8 full level

G01C 21/28 (2006.01); **G01C 21/34** (2006.01); **G06F 17/00** (2006.01); **G06Q 50/30** (2012.01)

CPC (source: EP US)

G01C 21/20 (2013.01 - US); **G01C 21/3407** (2013.01 - EP US); **G01C 21/3423** (2013.01 - US); **G01C 21/3605** (2013.01 - EP US);
G01C 21/3617 (2013.01 - EP US); **G01C 21/3679** (2013.01 - EP US); **G06N 7/01** (2023.01 - US); **G06Q 10/04** (2013.01 - EP US);
G06Q 50/40 (2024.01 - EP US); **G08G 1/143** (2013.01 - EP); **G08G 1/147** (2013.01 - EP)

Citation (search report)

See references of WO 2017103157A1

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 102015225893 A1 20170622; EP 3390966 A1 20181024; JP 2018537674 A 20181220; JP 6921076 B2 20210818;
US 11150094 B2 20211019; US 2018274930 A1 20180927; WO 2017103157 A1 20170622

DOCDB simple family (application)

DE 102015225893 A 20151218; EP 16815837 A 20161216; EP 2016081508 W 20161216; JP 2018526841 A 20161216;
US 201815996565 A 20180604