

Title (en)

Method for controlling entry and exit in multi-storey car parks and parking facilities

Title (de)

Verfahren zur Ein- und Ausfahrtskontrolle bei Parkhäusern und Parkanlagen

Title (fr)

Procédé de contrôle d'entrée et de sortie pour des parcs de stationnement et installations de stationnement

Publication

EP 2835788 B1 20191120 (DE)

Application

EP 13179400 A 20130806

Priority

EP 13179400 A 20130806

Abstract (en)

[origin: US2015095123A1] As part of the process for controlling entry and exit in parking garages and parking facilities, the entrance or exit, in front of which a vehicle stands, is determined on the basis of a location determination of the vehicle, where the location information shall be transmitted by means of the mobile device via a wireless or mobile phone standard to a server, which is capable of controlling the parking barriers of entrances and exits after locating the vehicle, where in the case that the owner of the mobile device is already registered on the server, the user ID is also sent to the server and in the case that the owner of the mobile device is not registered on the server, the registration is done by means of the mobile device via the connection to the server and a user ID is assigned after registration, where the entrance or exit, in front of which the vehicle stands, is determined on basis of the data of location determination in the server, where a ticket in electronic form linked with the user ID is sent to the mobile device of the user in the case of an entrance or stored in the server and the parking barrier or access control device assigned to the determined entrance is actuated in order to allow the entrance, where it is determined for the case of an exit, whether the parking fee has been paid and in case of paid parking fee the parking barrier or access control device assigned to the determined exit is actuated in order to allow the exit.

IPC 8 full level

G07B 15/04 (2006.01)

CPC (source: EP US)

G07B 15/00 (2013.01 - EP US); **G07B 15/04** (2013.01 - EP US)

Cited by

CN107067478A; LT6445B; WO2021121958A1

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

DOCDB simple family (publication)

EP 2835788 A1 20150211; EP 2835788 B1 20191120; US 2015095123 A1 20150402; US 9965902 B2 20180508

DOCDB simple family (application)

EP 13179400 A 20130806; US 201414452560 A 20140806