

Title (en)  
METHOD AND MOTOR VEHICLE

Title (de)  
VERFAHREN UND KRAFTFAHRZEUG

Title (fr)  
PROCÉDÉ ET VÉHICULE AUTOMOBILE

Publication  
**EP 4327578 A1 20240228 (DE)**

Application  
**EP 22709245 A 20220211**

Priority

- DE 102021002165 A 20210423
- EP 2022053311 W 20220211

Abstract (en)  
[origin: WO202223166A1] The invention relates to a method for enabling at least one of a plurality of access points (2) to a vehicle interior (3) of a motor vehicle (1) for a user (4), wherein, according to the method, a (first) outer zone (A1), which adjoins an inner zone (B) directly surrounding the motor vehicle (1), is monitored by means of a (first) monitoring device (5) of the motor vehicle (1) so that an instantaneous position of the user (4) relative to the motor vehicle (1) is determined by means of the (first) monitoring device (5) if the monitoring indicates that the user (4) is in the (first) outer zone (A1); a short-range monitoring device (6) of the motor vehicle (1), which scans the inner zone (B), is activated if the monitoring indicates that the user (4) moves from the (first) outer zone (A1) into the inner zone (B), so that the instantaneous position of the user (4) relative to the motor vehicle (1) is then determined exclusively by means of the short-range monitoring device (6) when the user (4) is in the inner zone (B), and at least one of the access points (2) to the vehicle interior (3) of the motor vehicle (1) is enabled for the user (4) after the monitoring has indicated that the user is in the inner zone (B).

IPC 8 full level  
**H04W 12/08** (2021.01); **B60R 25/00** (2013.01); **G07C 9/00** (2020.01); **H04W 4/02** (2018.01); **H04W 4/38** (2018.01); **H04W 4/40** (2018.01); **H04W 12/63** (2021.01)

CPC (source: EP KR)  
**B60R 25/25** (2013.01 - EP KR); **E05F 15/73** (2013.01 - EP KR); **E05F 15/77** (2015.01 - EP KR); **G07C 9/00309** (2013.01 - EP); **H04B 1/7163** (2013.01 - KR); **H04W 4/023** (2013.01 - EP KR); **H04W 4/029** (2018.02 - KR); **H04W 4/38** (2018.02 - EP); **H04W 4/40** (2018.02 - EP KR); **H04W 4/80** (2018.02 - KR); **H04W 12/08** (2013.01 - EP); **H04W 12/63** (2021.01 - EP KR); **E05F 2015/763** (2015.01 - EP); **E05F 2015/767** (2015.01 - EP); **E05Y 2900/531** (2013.01 - EP); **E05Y 2900/536** (2013.01 - EP); **E05Y 2900/546** (2013.01 - EP); **G07C 2209/63** (2013.01 - EP); **G07C 2209/64** (2013.01 - EP KR); **H04W 4/029** (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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021002165 A1 20221027**; CN 117178585 A 20231205; EP 4327578 A1 20240228; JP 2024514950 A 20240403; KR 20230157499 A 20231116; WO 202223166 A1 20221027

DOCDB simple family (application)  
**DE 102021002165 A 20210423**; CN 202280029212 A 20220211; EP 2022053311 W 20220211; EP 22709245 A 20220211; JP 2023564666 A 20220211; KR 20237035797 A 20220211