Title (en)
APPARATUS, SYSTEM AND METHOD FOR VEHICLE ACCESS AND FUNCTION CONTROL UTILIZING A PORTABLE DEVICE

Title (de)
VORRICHTUNG, SYSTEM UND VERFAHREN FÜR FAHRZEUGZUGANGS- UND -FUNKTIONSSTEUERUNG MITHILFE EINER TRAGBAREN VORRICHTUNG

Title (fr)
APPAREIL, SYSTÈME ET PROCÉDÉ D'ACCÈS À UN VÉHICULE ET DE COMMANDE DE FONCTION EN UTILISANT UN DISPOSITIF PORTABLE

Publication
EP 3463994 A1 20190410 (EN)

Application
EP 17728494 A 20170531

Priority
- US 201615173498 A 20160603
- US 201615261857 A 20160909
- US 201615261865 A 20160909
- EP 2017063179 W 20170531

Abstract (en)
[origin: WO2017207644A1] A system for authorizing access to vehicle functions for a vehicle stores (i) fob data relating to one or more key fobs linked to the vehicle, (ii) device data comprising data relating to one or more devices that are authorized to access the vehicle and (iii) vehicle access and/or function control data (1706). When a new device is requesting access to the vehicle, a secure fob key (1704) is generated based on the fob data and the device data. Furthermore, a vehicle function control file (1608A, 1608B, 1700) is generated based on the vehicle access and/or function control data (1706) and the secure fob key (1704), wherein the vehicle function control file is configured to authenticate the new device with the vehicle via the secure fob key (1704) and to at least one of (i) limit access of the new device to the vehicle, (ii) limit an operational function of the vehicle, and (iii) provide alerts for the vehicle based on the vehicle access and/or function control data.

IPC 8 full level
B60R 25/24 (2013.01); **G07C 9/00** (2006.01); **H04W 12/04** (2009.01)

CPC (source: EP US)
G07C 9/00309 (2013.01 - EP); **G07C 9/00857** (2013.01 - EP); **G07C 9/27** (2020.01 - EP US); **H04L 9/3271** (2013.01 - EP);
H04W 4/021 (2013.01 - EP US); **H04W 4/40** (2018.01 - EP US); **H04W 12/06** (2013.01 - EP US); **H04W 12/08** (2013.01 - EP US);
H04W 12/40 (2021.01 - EP US); G07C 9/00571 (2013.01 - EP); G07C 2009/00388 (2013.01 - EP); G07C 2009/00428 (2013.01 - EP);
G07C 2009/00865 (2013.01 - EP); G07C 2009/00873 (2013.01 - EP); H04L 2209/84 (2013.01 - EP)

Citation (search report)
See references of WO 2017207644A1

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)
WO 2017207644 A1 20171207; CN 109195840 A 20190111; EP 3463993 A1 20190410; EP 3463994 A1 20190410;
WO 2017207641 A1 20171207

DOCDB simple family (application)
EP 2017063179 W 20170531; CN 201780034364 A 20170531; EP 17728132 A 20170531; EP 17728494 A 20170531;
EP 2017063175 W 20170531