

Title (en)

ID SIGNAL TRANSMITTER FOR A MOTOR VEHICLE ACCESS SYSTEM WITH A REMOVABLE NFC ASSEMBLY

Title (de)

ID-GEBER FÜR EIN KRAFTFAHRZEUG-ZUGANGSSYSTEM MIT EINER ABNEHMBAREN NFC-BAUGRUPPE

Title (fr)

TRANSDUCTEUR D'IDENTIFICATION POUR UN SYSTÈME D'ACCÈS À UN VÉHICULE AUTOMOBILE AVEC UN SOUS-ENSEMBLE NFC AMOVIBLE

Publication

EP 2700055 A1 20140226 (DE)

Application

EP 12711800 A 20120302

Priority

- DE 102011002128 A 20110418
- EP 2012053637 W 20120302

Abstract (en)

[origin: WO2012143162A1] An ID signal transmitter (1) for a motor vehicle access system having a housing (2) which encloses a printed circuit board which is equipped with components. The components contain, inter alia, a voltage supply cell with an associated mount, an LF coil arrangement and HF transceiver components for communicating with transceiver devices mounted on the vehicle and at least one controller component. In a housing recess (5), which is covered by a lid, an NFC assembly is accommodated, said NFC assembly having an NFC chip (9), an adapter (8) which is coupled to the NFC chip and a mechanical emergency key (10). The NFC assembly (8, 9, 10) has contacts which are connected to associated contacts (11) of the housing (2) when the NFC assembly is attached in the housing recess (5), wherein the associated contacts (11) are connected to the printed circuit board and/or the elements in the housing of the ID signal transmitter, permitting the NFC assembly to be supplied with voltage and signals to be exchanged between the NFC assembly and the printed circuit board and/or the components. The emergency key (10) is accommodated in a recess in the adapter (8) in such a way that it can be disconnected from the adapter (8).

IPC 8 full level

G07C 9/00 (2006.01); **B60R 25/00** (2013.01)

CPC (source: EP)

G07C 9/00944 (2013.01)

Citation (search report)

See references of WO 2012143162A1

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)

DE 102011002128 A1 20121018; DE 102011002128 B4 20210715; CN 103493107 A 20140101; CN 103493107 B 20160518; EP 2700055 A1 20140226; EP 2700055 B1 20160113; WO 2012143162 A1 20121026

DOCDB simple family (application)

DE 102011002128 A 20110418; CN 201280018932 A 20120302; EP 12711800 A 20120302; EP 2012053637 W 20120302