

Title (en)

MOTOR VEHICLE DOOR HANDLE ASSEMBLY WITH ASSEMBLY AID

Title (de)

KRAFTFAHRZEUGTÜRGRIFFANORDNUNG MIT MONTAGEERLEICHTERUNG

Title (fr)

DISPOSITIF DE POIGNÉE DE PORTE DE VÉHICULE À MOTEUR DOTÉ D'UN SYSTÈME POUR FACILITER LE MONTAGE

Publication

EP 3507861 A1 20190710 (DE)

Application

EP 17742174 A 20170706

Priority

- DE 102016010560 A 20160831
- EP 2017066853 W 20170706

Abstract (en)

[origin: WO2018041447A1] The invention relates to a motor vehicle door handle assembly comprising a door handle (80). The door handle (80) is equipped with at least one antenna support (20) which receives at least one sensor plate (27) of a capacitive proximity sensor, and the sensor plate (27) is connected to a connection piece (10) via contact pins (13) in order to establish electric contacts. The sensor plate (27) lies in the antenna support (20) in a formfitting manner and is inserted into a groove-shaped or dovetail-shaped receiving area of the antenna support (20) in the direction of the length of the sensor plate. The sensor plate (27) and/or the antenna support (20) has/have a latching connection in which the sensor plate (27) is releasably latched in a pre-assembly position in order to allow the assembly of the connection piece (10) on the sensor plate (27).

IPC 8 full level

H01Q 1/32 (2006.01); **E05B 81/78** (2014.01); **H01Q 7/08** (2006.01)

CPC (source: EP US)

E05B 79/06 (2013.01 - EP US); **E05B 81/78** (2013.01 - EP US); **E05B 85/16** (2013.01 - EP US); **H01Q 1/3241** (2013.01 - EP US); **H01Q 1/3283** (2013.01 - EP US); **H01Q 7/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2018041447A1

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 102016010560 A1 20180301; EP 3507861 A1 20190710; US 2019194983 A1 20190627; WO 2018041447 A1 20180308

DOCDB simple family (application)

DE 102016010560 A 20160831; EP 17742174 A 20170706; EP 2017066853 W 20170706; US 201716328774 A 20170706