

Title (en)  
DOOR HANDLE ASSEMBLY FOR A MOTOR VEHICLE

Title (de)  
TÜRGRIFFAANORDNUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)  
ENSEMBLE POIGNÉE DE PORTE POUR VÉHICULE AUTOMOBILE

Publication  
**EP 3322868 A1 20180523 (DE)**

Application  
**EP 16736050 A 20160704**

Priority

- DE 102015111311 A 20150713
- DE 102015118523 A 20151029
- DE 102015118525 A 20151029
- EP 15201091 A 20151218
- EP 2016065642 W 20160704

Abstract (en)  
[origin: US2018209182A1] A vehicle door handle with a handle component is provided. The handle component includes a hollow body, and an inductive sensor device is arranged in a cavity in order to detect an actuation of the handle component. A support having a support fastening section and a self-supporting section connected to the latter are arranged in the cavity, wherein the support fastening section is secured to the vehicle door handle, and wherein the self-supporting section of the support extends in the interior of the cavity at a distance from the wall surfaces of the handle component such that the self-supporting section of the support is mechanically decoupled from the wall surfaces of the handle component. The inductive sensor device is held in the self-supporting section, wherein a metallic material is arranged in at least one section of those wall surfaces of the handle component which surround the self-supporting section.

IPC 8 full level  
**E05B 1/00** (2006.01); **E05B 81/76** (2014.01); **E05B 85/10** (2014.01)

CPC (source: EP US)  
**E05B 1/0015** (2013.01 - US); **E05B 81/76** (2013.01 - EP US); **E05B 81/77** (2013.01 - EP US); **E05B 85/10** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017009077A1

Cited by  
CN112814503A; CN114718399A

Designated contracting state (EPC)  
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BA ME

DOCDB simple family (publication)  
**US 10975601 B2 20210413; US 2018209182 A1 20180726**; CN 107835883 A 20180323; CN 107835883 B 20200110; CN 107849865 A 20180327; CN 107849865 B 20200616; CN 107849866 A 20180327; CN 107849866 B 20200925; CN 107849875 A 20180327; CN 107849875 B 20200602; EP 3322868 A1 20180523; EP 3322868 B1 20200304; EP 3322870 A1 20180523; EP 3322870 B1 20211013; US 11286694 B2 20220329; US 11365570 B2 20220621; US 11486169 B2 20221101; US 2018230717 A1 20180816; US 2019017302 A1 20190117; US 2019017303 A1 20190117

DOCDB simple family (application)  
**US 201615744662 A 20160704**; CN 201680041184 A 20160704; CN 201680041405 A 20160704; CN 201680041681 A 20160701; CN 201680041682 A 20160704; EP 16736049 A 20160704; EP 16736050 A 20160704; US 201615744624 A 20160704; US 201615745106 A 20160701; US 201615745108 A 20160704