

Title (en)

MOUNTING BASE FOR A DOOR HANDLE SENSOR

Title (de)

MONTAGESOCKEL FÜR EINEN TÜRGRIFFSENSOR

Title (fr)

BASE DE MONTAGE POUR UN CAPTEUR DE POIGNÉE DE PORTE

Publication

EP 3760821 A1 20210106 (EN)

Application

EP 20183951 A 20200703

Priority

GB 201909580 A 20190703

Abstract (en)

The present invention provides a mounting base (10) for a door handle sensor that allows the sensor to be mounted on an inner side of a door (8), rather than in a handle (2) located on an outer side of the door (8). The mounting base (10) comprises a unitary moulded body having an inner surface shaped to conform with an inner side of a door (8), a first mounting aperture (11) formed at a first end, a second mounting aperture (12) formed at a second end, a central portion (13) for containing a sensor, a first flexural hinge (14) formed between the first mounting aperture (11) and the central portion (13), and a second flexural hinge (15) formed between the second mounting aperture (12) and the central portion (13). The mounting base (10) has a simple construction that can conform to a curved door (8). The present invention also provides vehicle door opening mechanism (1) comprising a handle (2) mountable on an outer side of a door (8) having a remotely operable locking mechanism, a mounting base (10) according to the present invention, and a sensor mounted in the central portion (13) of the mounting base (10).

IPC 8 full level

E05B 79/06 (2014.01); **E05B 81/76** (2014.01)

CPC (source: EP GB)

E05B 79/06 (2013.01 - EP GB); **E05B 81/64** (2013.01 - GB); **E05B 81/77** (2013.01 - EP); **E05B 85/10** (2013.01 - GB)

Citation (applicant)

GB 201904952 A 20190408

Citation (search report)

- [X] DE 102006057389 A1 20080605 - HUF HUELSBECK & FUERST GMBH [DE]
- [X] WO 2018091199 A1 20180524 - HUF HUELSBECK & FUERST GMBH & CO KG [DE]
- [A] US 2010237635 A1 20100923 - IEDA KIYOKAZU [JP], et al

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)

EP 3760821 A1 20210106; **EP 3760821 B1 20221130**; GB 201909580 D0 20190814; GB 2585224 A 20210106; GB 2585224 B 20211222

DOCDB simple family (application)

EP 20183951 A 20200703; GB 201909580 A 20190703