

Title (en)

DEVICE AND METHOD FOR MOUNTING A HANDLE TO A DOOR OR WINDOW LEAF

Title (de)

VORRICHTUNG UND VERFAHREN ZUR MONTAGE EINES GRIFFES AN EINER TÜR- ODER EINEM FENSTER

Title (fr)

DISPOSITIF ET PROCÉDÉ DE MONTAGE D'UNE POIGNÉE SUR UNE PORTE OU UNE FENÊTRE

Publication

EP 3480393 B1 20201223 (EN)

Application

EP 18204030 A 20181102

Priority

IT 201700126022 A 20171106

Abstract (en)

[origin: EP3480393A1] A device (10) for mounting a handle (100) at a leaf of a door or window, wherein the handle (100) comprises a main body (101) defining a handgrip and a pin (102) having polygonal cross section engageable with a moving device (300) for moving opening and closing members of the door or window, wherein the moving device (300) is housed in a recess (201) of the leaf and is controlled by the pin (102), said device being characterised in that it comprises a base body (11) that is provided with connection members (12) for the rigid, complete and removable connection of the base body (11) at a leaf of a door or window, a bush (13) that is supported by the base body (11) in a rotary manner around a rotation axis (R) coinciding with the longitudinal axis of the bush (13), wherein the bush (13) is crossed by a through hole (130) that is coaxial to the rotation axis (R) and that, along at least one axial segment thereof, has polygonal cross section substantially matching that of the pin (102), first axial locking members (14) for locking the relative sliding of the base body (11) and of the bush (13) along the rotation axis (R), and snap-stop means (15) for removably stopping the bush (13) in at least two different angular positions and that are arranged between the base body (11) and the bush (13), wherein the device (10) can be fixed to a wall (202) of the leaf at a slot (203) formed at said recess, with the rotation axis (R) substantially orthogonal to said wall (202), and wherein the bush (13) can be crossed by the pin (102), the mutually axially opposite end segments of which - a first axial end segment (102a) and a second axial end segment (102b), respectively - project from the opposite faces of the device (10) and respectively engage in the moving device (300) and in the main body (101) of the handle, an intermediate axial segment (102c) of the pin arranged between the end segments thereof, coupling with a prismatic coupling with the bush (13).

IPC 8 full level

E05B 3/06 (2006.01); **E05B 15/00** (2006.01)

CPC (source: EP)

E05B 3/06 (2013.01); **E05B 15/006** (2013.01); **E05C 9/00** (2013.01)

Citation (examination)

DE 202015101329 U1 20160620 - FRANZ SCHNEIDER BRAKEL GMBH + CO KG [DE]

Cited by

EP3760816A1; CN112177434A; EP4001558A1; IT202000027221A1

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)

EP 3480393 A1 20190508; **EP 3480393 B1 20201223**; EP 3792433 A1 20210317; ES 2863557 T3 20211011; PL 3480393 T3 20210809; PT 3480393 T 20210318

DOCDB simple family (application)

EP 18204030 A 20181102; EP 20205100 A 20181102; ES 18204030 T 20181102; PL 18204030 T 20181102; PT 18204030 T 20181102