

Title (en)
HANDLE FOR DOOR OR WINDOW

Title (de)
GRIFF FÜR TÜR ODER FENSTER

Title (fr)
POIGNÉE POUR PORTE OU FENÊTRE

Publication
EP 3348750 A1 20180718 (EN)

Application
EP 18151245 A 20180111

Priority
IT 201700003509 A 20170113

Abstract (en)
Described is a handle for a door or window comprising a handgrip (4) having a gripping portion (4a) and a base or neck portion (4b); means (5) for stable coupling of the neck (4b) of the handgrip (4) to the operating shaft (3); elastic means (6) positioned between the handgrip (4) and the operating shaft (3) and configured to allow the maintaining of the handgrip (4) in a predetermined first position corresponding to the closed configuration of the door or window; a removable device (7) for associating the handgrip (4) to the door (1) or window comprising an annular element (8) associated with the door (1) or window and having a cylindrical wall (8a) equipped with a first plurality of teeth (9); a bushing (10) associated with the neck (4b) of the handgrip (4) and having an annular edge (10a) equipped with a second plurality of teeth (11), delimiting an inner chamber (10b) of the bushing (10); the bushing (10) couples and contains, in use, the cylindrical wall (8a) with the first plurality of teeth (9) through a predetermined positioning of the handgrip (4), and a subsequent rotation of the handgrip (4) to obtain a coupling between the first (9) and the second (11) plurality of teeth and define a stable connection of the handgrip (4) to the door or window (1); a slider (12) for locking the coupling between the first (9) and the second (11) plurality of teeth, positioned in a radial seat (13) made on the annular element (8) and protruding between two successive teeth of the first plurality of teeth (9); the slider (12) is movable in the seat (13) between an advanced position of free rotation of the second plurality of teeth (11) and a withdrawn position for locking the second plurality of teeth (11) wherein the slider (12) is between two successive teeth of the second plurality of teeth (11). [Figure 1]

IPC 8 full level
E05B 3/00 (2006.01); **E05B 3/06** (2006.01)

CPC (source: CN EP)
E05B 1/00 (2013.01 - CN); **E05B 3/00** (2013.01 - CN); **E05B 3/065** (2013.01 - EP)

Citation (search report)
• [A] WO 2007089135 A1 20070809 - LAERHOVEN BART VAN [NL], et al
• [A] ES 1147008 U 20151203 - SIST S TECNICOS DEL ACCESORIO Y COMPONENTES S L STAC [ES]
• [A] US 2007170731 A1 20070726 - SHEN MU-LIN [TW], et al
• [A] EP 2476823 A2 20120718 - HOPPE AG [IT]
• [A] EP 2107187 A1 20091007 - HOPPE AG [DE]
• [A] DE 19541214 C1 19970116 - ROTO FRANK AG [DE]

Cited by
US2018298635A1; EP3988742A1; BE1028725B1; WO2024008991A1; WO2024227215A1

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 3348750 A1 20180718; EP 3348750 B1 20190619; CN 108301683 A 20180720; CN 108301683 B 20210226; ES 2743741 T3 20200220; IT 201700003509 A1 20180713; PL 3348750 T3 20191129; PT 3348750 T 20191002

DOCDB simple family (application)
EP 18151245 A 20180111; CN 201810031367 A 20180112; ES 18151245 T 20180111; IT 201700003509 A 20170113; PL 18151245 T 20180111; PT 18151245 T 20180111