

Title (en)

End stop body for door and/or window handles

Title (de)

Anschlagkörper für Tür- und/oder Fenstergriffe

Title (fr)

Corps de butée pour poignées de porte et/ou de fenêtre

Publication

EP 2924197 A3 20160803 (DE)

Application

EP 15160662 A 20150324

Priority

DE 102014104271 A 20140326

Abstract (en)

[origin: US2015308150A1] The installation body is used as an axially fixed and rotatable receptacle for a handle, which consists of a circumferential engagement groove in a neck section that is in contact with the installation body. For this purpose, the installation body is composed of a base body with a passage opening aligned centrally with an axis (D), a guide bushing for the neck section of the handle, whereas the guide bushing is arranged inside the passage opening of the base body and a locking mechanism, which fixates the handle inside the base body in a releasable manner. The locking mechanism uses locking balls, which are adjustable and arranged radially in the direction of the axis (D) inside the guide bushing. The latter is positioned in the passage opening of the base body in the axial direction (A) in an adjustable manner, wherein the guide bushing is acted upon by a pressure spring in the axial direction (A). Furthermore, the base body is provided with a circumferential inclined surface while the locking balls (75) located inside guide bushing are pushed against the inclined surface in the axial direction (A) by the pressure spring in such a manner that a resulting force (F) is radially imparted upon the locking balls in the direction of the axis (D). A special embodiment of this installation body intends that the guide bushing within the passage opening of the base body is also mounted rotatably around the axis (D) against a spring force.

IPC 8 full level

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

CPC (source: EP US)

E05B 3/065 (2013.01 - EP US); **E05B 3/08** (2013.01 - US); **E05B 15/006** (2013.01 - EP US); **E05B 2015/0066** (2013.01 - EP US)

Citation (search report)

- [A] EP 1201850 A2 20020502 - KARL WOELM & SOHN BAUBESCHLAEG [DE]
- [A] DE 9319981 U1 19950420 - BEHLE BESCHLAEGE UND ARMATUREN [DE]
- [A] DE 8326076 U1 19831215

Cited by

CN108557118A

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 102014104271 B3 20150806; CN 205063531 U 20160302; DK 2924197 T3 20171120; EP 2924197 A2 20150930; EP 2924197 A3 20160803; EP 2924197 B1 20170927; ES 2646989 T3 20171218; HR P20171662 T1 20171215; HU E037013 T2 20180828; NO 3096008 T3 20180602; PL 2924197 T3 20180228; SI 2924197 T1 20180228; US 2015308150 A1 20151029; US 9834955 B2 20171205

DOCDB simple family (application)

DE 102014104271 A 20140326; CN 201520167756 U 20150324; DK 15160662 T 20150324; EP 15160662 A 20150324; ES 15160662 T 20150324; HR P20171662 T 20171031; HU E15160662 A 20150324; NO 16167894 A 20160502; PL 15160662 T 20150324; SI 201530116 T 20150324; US 201514658122 A 20150313