

Title (en)
WINDOW OR DOOR FITTING

Title (de)
FENSTER- ODER TÜRBESCHLAG

Title (fr)
FERRURE DE FENÊTRE OU PORTE

Publication
EP 2486204 A1 20120815 (DE)

Application
EP 10737874 A 20100726

Priority
• DE 202009013586 U 20091008
• EP 2010060760 W 20100726

Abstract (en)
[origin: WO2011042231A1] The invention relates to a window or door fitting (1), comprising a handle (2), which with a bearing part (10) is rotatably mounted on a bearing sleeve (8) placed on a sash or leaf member (3) and with an actuating shaft projection (5) engages with a locking actuating element (42), which is rotatably mounted in a fitting housing fastened in a fold recess, and which is secured against axial removal from the locking actuating element (42) by means of a securing member (43) arranged on the actuating shaft projection (5). In order to provide a fitting that allows latching onto the locking actuating element even when the distances between the bearing sleeve and the locking actuating element are different and enables noticeable catching of the switch positions, the bearing part (10) forms an engagement dome (10) that is rotatably received in a cavity (7) of the handle neck (6), which engagement dome is enclosed by a detent sleeve (9) that is fastened thereon with limited axial displacement and in a rotationally fixed manner. A detent bush (20), which comprises detent elements (24) that are rotatably driven by the actuating shaft projection (5), is rotatably supported on the detent sleeve (9). A detent disk (25) comprising counter-detent elements (28, 128), which is non-rotationally but axially displaceably connected to the detent sleeve (9), is associated with the detent bushing (20). The detent disk (25, 125, 131) is supported on a cover (132) of the detent sleeve (9) by at least one spring element (31, 125, 131). The engagement dome (10) is supported on the neck (6) of the handle (2), and a pressure spring (33) is operative between the engagement dome (10) and the detent sleeve (9).

IPC 8 full level
E05B 3/06 (2006.01); **E05B 15/00** (2006.01); **E05B 15/04** (2006.01)

CPC (source: EP)
E05B 3/06 (2013.01); **E05B 13/106** (2013.01); **E05B 63/006** (2013.01); **E05B 3/08** (2013.01); **E05B 2015/0066** (2013.01); **E05B 2015/0448** (2013.01); **E05B 2015/0465** (2013.01)

Citation (search report)
See references of WO 2011042231A1

Cited by
EP3023563A1; FR3028878A1; US10132103B2

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 SE SI SK SM TR

DOCDB simple family (publication)
DE 202009013586 U1 20091217; CN 102575485 A 20120711; EP 2486204 A1 20120815; EP 2486204 B1 20130918; ES 2428490 T3 20131108; WO 2011042231 A1 20110414

DOCDB simple family (application)
DE 202009013586 U 20091008; CN 201080044871 A 20100726; EP 10737874 A 20100726; EP 2010060760 W 20100726; ES 10737874 T 20100726