

Title (en)  
WINDOW AND/OR DOOR FITTING

Title (de)  
FENSTER- UND/ODER TÜRBECHLAG

Title (fr)  
FERRURE DE FENETRE ET/OU DE PORTE

Publication  
**EP 1121501 A1 20010808 (DE)**

Application  
**EP 99950723 A 19991014**

Priority  
• DE 29818559 U 19981017  
• DE 29903896 U 19990305  
• EP 9907736 W 19991014

Abstract (en)  
[origin: WO0023677A1] The invention relates to a handle (10) which is mounted on a stop body (20) in an axially fixed rotational manner. Said handle has a polygon (30) which is torsionally rigid in a handle neck (12) which is provided for actuating a closing mechanism. Two driving elements (15, 35) which can move in relation to one another can be coupled directly or by means of coupling elements (36, 40, 42) with positive or non-positive fit between adjacent surfaces (17, 37). Said driving elements are coupled in such a way that a transmission of torque from the handle (10) to the polygon (30) can be effected, whereas said transmission can be blocked from the polygon to the handle (10) by displacing at least one coupling element (36) in the direction of the application of force. A main part of a polygonal driving element (35) can be concentrically enclosed by the handle driving element (15) having fins (52) which comprise push surfaces (19) and which are situated on two shells. Said fins drive, e.g. spring-loaded roll pins (36) which are arranged in pairs and which are retained in a wedge-shaped delimited zone (55). Angular areas of indentations (31) of the polygonal driving element (35) act upon the roll pins (36). Middle parts (50) of the handle driving element (15) can guide a pressure spring (38) which outwardly applies force to locking balls (47) to which recesses (27) of the stop body (20) that are arranged at the edge delimitation (24; 44) are allocated.

IPC 1-7  
**E05B 17/20**; **E05B 15/00**; **E05B 63/16**; **E05B 3/00**

IPC 8 full level  
**E05B 3/00** (2006.01); **E05B 15/00** (2006.01); **E05B 17/20** (2006.01); **E05B 63/16** (2006.01); **E05B 13/10** (2006.01)

CPC (source: EP US)  
**E05B 3/00** (2013.01 - EP US); **E05B 15/0013** (2013.01 - EP US); **E05B 15/004** (2013.01 - EP US); **E05B 17/2084** (2013.01 - EP US); **E05B 63/16** (2013.01 - EP US); **Y10T 70/5146** (2015.04 - EP US); **Y10T 70/515** (2015.04 - EP US)

Cited by  
DE102011051553A1; DE202008004508U1; EP2107187A1; RU210161U1; EP2058461A3; EP1837461A3; EP2543795A3; US8210580B2; DE202007015503U1; EP2058461A2; EP2543795A2; DE102011051553B4

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0023677 A1 20000427**; AT E245751 T1 20030815; AU 6339299 A 20000508; BG 105438 A 20011031; BG 64399 B1 20041230; CA 2346835 A1 20000427; CA 2346835 C 20080212; CZ 20011356 A3 20020417; CZ 298262 B6 20070808; DE 59906379 D1 20030828; DK 1121501 T3 20031020; EE 04532 B1 20050815; EE 200100226 A 20021216; EP 1121501 A1 20010808; EP 1121501 B1 20030723; ES 2204161 T3 20040416; HU 226577 B1 20090428; HU P0103777 A2 20020128; HU P0103777 A3 20020528; NO 20011719 D0 20010405; NO 20011719 L 20010405; PL 192871 B1 20061229; PL 347071 A1 20020311; PT 1121501 E 20031231; RU 2211903 C2 20030910; SK 286803 B6 20090507; SK 4882001 A3 20011203; TR 200100951 T2 20020422; UA 65634 C2 20040415; US 2001052202 A1 20011220; US 6601270 B2 20030805

DOCDB simple family (application)  
**EP 9907736 W 19991014**; AT 99950723 T 19991014; AU 6339299 A 19991014; BG 10543801 A 20010411; CA 2346835 A 19991014; CZ 20011356 A 19991014; DE 59906379 T 19991014; DK 99950723 T 19991014; EE P200100226 A 19991014; EP 99950723 A 19991014; ES 99950723 T 19991014; HU P0103777 A 19991014; NO 20011719 A 20010405; PL 34707199 A 19991014; PT 99950723 T 19991014; RU 2001108546 A 19991014; SK 4882001 A 19991014; TR 200100951 T 19991014; UA 01032087 A 19991014; US 83494901 A 20010416