

Title (en)  
SAFETY DEVICE FOR DRIVE MECHANISM RODS

Publication  
**EP 0220390 B2 19921111 (DE)**

Application  
**EP 86110172 A 19860724**

Priority  
DE 8530532 U 19851029

Abstract (en)  
[origin: EP0220390A2] 1. Safety catch for positioning bar devices and comprising positioning bars (2) movable by an actuating drive (3) into a number of operative positions, more particularly for turn-tilt fittings, comprising a lever (5) which is mounted on the moving member of the door or window or the like near the actuating drive (3) for pivoting relatively to the plane of the moving member, the lever (5) carrying a cam (9) or the like with which at least one locking recess (10) in the positioning bar (2) is associated, the cam (9) or the like being introducible by force storage means, such as a spring (16), acting on the lever (5) into the catch recess (10) in a predetermined operative position of the positioning bar (2) and with the moving member of the door or window or the like open, whereas with the moving member of the door or window or the like in its closed position the lever (5) is adjustable against the action of the force storage means by an abutment on the fixed frame and its cam (9) or the like is disengageable from the catch recess (10) in the positioning bar (2) the lever being a double-armed lever (5), one arm (6) of which carries a thrust member (18) or is the actuating element while the other arm (7) of the lever (5) carries the cam (9) or the like on its underside the mounting for the lever, (5) being in the form of a hooking nose (12) which is engaged in a slot (11) in a cover plate (1) disposed on the moving member of the door or window or the like, the engaged position of the hooking projection (12) being secured by that edge (13) of the cam (9) or the like which is remote from the hooking projection, by that end (14) of the slot (11) in the cover plate (1) which is near the last-mentioned edge (13) and by an abutment member (15) operative between the cover plate (1) and the lever (5) characterized in that a cap or cover (28) engaging before the outside of the cover plate (1) is devised on the actuating drive casing (25) and receives the two-armed lever (5) of the safety catch (4) as far as the arm (6) of the lever (5).

IPC 1-7  
**E05D 15/526**

IPC 8 full level  
**E05C 9/18** (2006.01); **E05D 15/526** (2006.01)

CPC (source: EP)  
**E05D 15/526** (2013.01); **E05Y 2900/148** (2013.01)

Cited by  
EP0326697A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0220390 A2 19870506; EP 0220390 A3 19870812; EP 0220390 B1 19890503; EP 0220390 B2 19921111**; AT E42792 T1 19890515; DE 3663162 D1 19890608; DE 8530532 U1 19851212; DK 378386 A 19870430; DK 378386 D0 19860808

DOCDB simple family (application)  
**EP 86110172 A 19860724**; AT 86110172 T 19860724; DE 3663162 T 19860724; DE 8530532 U 19851029; DK 378386 A 19860808