

Title (en)
Locking device against wrong operation of actuating bars.

Title (de)
Fehlbedienungssperre für Treibstangenbeschläge.

Title (fr)
Verrouillage de fausse manoeuvre pour tiges de commande.

Publication
EP 0226698 A2 19870701 (DE)

Application
EP 86108282 A 19860618

Priority
DE 3544778 A 19851218

Abstract (en)

1. An anti-tampering device (16) for positioning bar fittings (6) having positioning bars movable into a number of operative positions, more particularly for turn/tilt devices, and comprising a lever (19) which is mounted on the door or sash or the like (3) for pivoting parallel to the door plane and which has a locking cam (24) or the like, at least one catch (25, 26) on the positioning bar being associated with the locking cam (24), the same being engageable in the catch by force storage means, such as a spring (30), acting on the lever (13) when the positioning bar is in a predetermined operative position and when the sash or door or the like (3) is open, whereas when the sash or door or the like (3) is in the closed position the lever (19) is movable against the force of the force storage means (30) by an associated abutment (21; 33; 37) and its locking cam (24) or the like is disengageable from the catch (25, 26) of the positioning bar, the lever (19) being a double-armed lever (20, 22), one arm (20) of which forms the actuating element while the other arm (22) carries the locking cam (24) or the like on its underside, the mounting of the two-armed lever (20, 22) being in the form of a hook (28) releasably engaged in a slot (27) in a carrier (17) disposed on the door or sash or the like (3), the engaged position of the hook (28) being secured by an abutment (27) associated with the carrier (17) and by a counter-abutment (29) directed oppositely to the direction of engagement of the hook (28), the door or sash or the like (3) being connected at least for tilt opening to the fixed frame (2) by a stay (8) which engages pivotally with the door or sash or the like (3) after the fashion of an elliptical link by way of a stay arm (10) and an additional arm (11), characterised in that the two-armed lever (19) is disposed in the movement zone of the additional arm (11) of the stay (8) on the carrier, for example, a face plate (17), on the side near the door or sash or the like, the end (34) of the lever arm (22) extends to near a locking surface (33, 37) disposed on the additional arm (11) near its pivot (12) on the side near the sash or door or the like, and the locking surface (33, 37) engages securely over the lever arm (22) when the additional arm (11) is positioned at an inclination to the plane of the door or sash or the like (Figs. 4 and 6).

Abstract (de)

Eine Fehlbedienungssperre 16 ist einer Treibstange 18 des Treibstangenbeschlages für ein Drehkippenfenster oder eine Drehkipptür zwischen der Ausstellvorrichtung 8 und einer Stulpschiene 17 so zugeordnet, daß sie bei in Kippstellung geöffnetem Flügel zugleich auch als Einstiegsicherung wirksam ist.

IPC 1-7
E05D 15/526

IPC 8 full level
E05D 15/526 (2006.01)

CPC (source: EP)
E05D 15/526 (2013.01); **E05D 2015/5263** (2013.01); **E05Y 2900/148** (2013.01)

Cited by
GB2261021A; CN104790796A; GB2319559A; GB2319559B; GB2261913A

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

DOCDB simple family (publication)
EP 0226698 A2 19870701; **EP 0226698 A3 19871125**; **EP 0226698 B1 19900228**; AT E50616 T1 19900315; DE 3544778 C1 19860821; DE 3669187 D1 19900405; DK 159399 B 19901008; DK 159399 C 19910318; DK 378086 A 19870619; DK 378086 D0 19860808; ES 556690 A0 19870716; ES 8707324 A1 19870716

DOCDB simple family (application)
EP 86108282 A 19860618; AT 86108282 T 19860618; DE 3544778 A 19851218; DE 3669187 T 19860618; DK 378086 A 19860808; ES 556690 A 19860625