

Title (en)
LOCKING DEVICE AGAINST WRONG OPERATION OF ACTUATING BARS

Publication
EP 0226698 A3 19871125 (DE)

Application
EP 86108282 A 19860618

Priority
DE 3544778 A 19851218

Abstract (en)
[origin: EP0226698A2] 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).

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CPC (source: EP)
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Citation (search report)
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