

Title (en)

Safety device against wrong operation of espagnolettes

Title (de)

Schaltsperrre für Mehrriegelverschlüsse

Title (fr)

Dispositif de sécurité du type anti-fausse manoeuvre pour espagnolettes

Publication

EP 1172506 A3 20030903 (DE)

Application

EP 01890175 A 20010606

Priority

AT 5022000 U 20000711

Abstract (en)

[origin: EP1172506A2] The switch stop for a multi-bolt lock, as used in sliding doors, comprises a longitudinally displaceable thrust bar (2) behind a support rail (1) with a long hole (4). A bolt penetrates the long hole and a bore in the thrust bar, which it extends over when the door is opened and can be pressed back against the force of a spring (7) when the door is closed. The bolt is fixed on a bridge (5) displaceably located in a housing and carries a securing bolt (8) parallel to the bolt. The securing bolt, with the opened door and inwardly drawn bolts, penetrates an aperture in the thrust bar and with the inwardly pushed bolt, i.e. with the door closed, disengages from the thrust bar. In order to set the switch stop out of function, a screw (12) is provided, which draws the bridge against the rear wall of the housing, causing the securing bolt permanently to be disengaged from the thrust bar.

IPC 1-7

E05B 63/18; E05B 65/08; E05C 9/00; E05D 15/526

IPC 8 full level

E05B 63/18 (2006.01); E05B 65/08 (2006.01); E05C 9/00 (2006.01)

CPC (source: EP)

E05B 63/185 (2013.01); E05B 65/08 (2013.01); E05C 9/004 (2013.01)

Citation (search report)

- [X] EP 1004735 A1 20000531 - FERCO INT USINE FERRURES [FR]
- [X] EP 0672811 A1 19950920 - SIEGENIA FRANK KG [DE]
- [DA] EP 0942132 A1 19990915 - ROTO FRANK EISENWAREN [AT]

Cited by

EP2584132A1; EP2762662A1; CN112411838A; EP1500761A3; ITBO20110592A1; EP2112303A1; FR2930273A1; CN103967360A; EP2314810A3; WO2008111109A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1172506 A2 20020116; **EP 1172506 A3 20030903**; **EP 1172506 B1 20080102**; AT 4783 U1 20011126; DE 50113424 D1 20080214; ES 2299471 T3 20080601

DOCDB simple family (application)

EP 01890175 A 20010606; AT 5022000 U 20000711; DE 50113424 T 20010606; ES 01890175 T 20010606