

Title (en)

Incorrect operation safety lock device for sliding doors or windows

Title (de)

Schaltsperre für Mehrriegelverschlüsse

Title (fr)

Dispositif de sécurité du type anti-fausse manoeuvre pour espagnolettes

Publication

EP 2584132 B1 20151230 (EN)

Application

EP 12188794 A 20121017

Priority

IT BO20110592 A 20111020

Abstract (en)

[origin: EP2584132A1] An incorrect operation safety lock device for a sliding door or window (1) of the lift and slide type comprises locking means (11) by which an operating rod (6) located on an upright (7) of a movable sash (2) and a control handle (5) are locked in a sash (2) lifted configuration for opening, which are located on the selfsame sash (2), and which are defined by: a slider (12) equipped with a front pin (13) movable along a direction (T) transversal to a direction of vertical movement (V) of the rod (6) to move the pin (13) to an advanced position inside a cavity (14) in the rod (6) in such a way as to define a locked position and then to move the pin (13) away from the rod (6) to define a disengaged position where it can move freely; first elastic means (15) acting on the slider (12) to keep the slider (12) itself in the locked position; a contact member (16) operatively connected to the slider (12) and interacting with an abutment member (17) located on an upright (10) of the fixed frame (3) to define movements relative to each other between a first operating position where the pin (13) is retracted relative to the rod (6), with the two vertical uprights (7, 10) in contact with each other prior to a vertical lowering movement for closing the sash (2), and a second, non-operating position designed to keep the pin (13) in the advanced position until engaging in the cavity (14) in the rod (6) as a result of the sash (2) being lifted vertically in order to open it.

IPC 8 full level

E05D 15/56 (2006.01); **E05B 63/18** (2006.01); **E05B 65/08** (2006.01)

CPC (source: EP)

E05B 63/185 (2013.01); **E05B 65/08** (2013.01); **E05F 11/10** (2013.01); **E05Y 2201/722** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2584132 A1 20130424; **EP 2584132 B1 20151230**; IT BO20110592 A1 20130421

DOCDB simple family (application)

EP 12188794 A 20121017; IT BO20110592 A 20111020