

Title (en)

Device used to block a frame, comprising an articulated detachable panel mounted on the frame

Title (de)

Vorrichtung zum Verschliessen eines Schachts unter Verwendung einer auf dem Schacht montierten Platte

Title (fr)

Dispositif permettant d'obturer un cadre, comprenant un panneau monté articulé amovible sur le cadre

Publication

EP 1818458 B1 20090701 (FR)

Application

EP 06292001 A 20061220

Priority

FR 0650520 A 20060214

Abstract (en)

[origin: EP1818458A1] The device has a stud (3) and an articulation axle (4) permitting free tilting of a panel (2) of a frame (1) from an inverse opening position to a closing position. The stud has a lug (16) which abuts on a cut off flange of an articulation end of the frame to lock the panel at a safe open upright position perpendicular to the frame when the panel is accidentally tilted from its inverse position. The axle and lateral opening ramps co-operate to avoid the panel extraction in the upright position, while permitting tilting of the panel to a closing position of the frame from the upright position.

IPC 8 full level

E02D 29/14 (2006.01)

CPC (source: EP NO US)

E02D 29/14 (2013.01 - EP NO US); **E02D 29/1418** (2013.01 - EP US); **E02D 29/1463** (2013.01 - EP NO US)

Cited by

EP3115515A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1818458 A1 20070815; EP 1818458 B1 20090701; AR 059666 A1 20080423; AT E435338 T1 20090715; BR PI0700147 A 20071106; CA 2577042 A1 20070814; CA 2577042 C 20130618; CN 100582387 C 20100120; CN 101021074 A 20070822; DE 602006007535 D1 20090813; DK 1818458 T3 20091102; ES 2329504 T3 20091126; FR 2897371 A1 20070817; FR 2897371 B1 20090703; MA 28907 B1 20071001; MX 2007001818 A 20081120; MY 142144 A 20100930; NO 20070741 L 20070815; NO 338252 B1 20160808; PL 1818458 T3 20091231; PT 1818458 E 20091007; SG 135089 A1 20070928; SI 1818458 T1 20091231; US 2007186381 A1 20070816; US 7908798 B2 20110322

DOCDB simple family (application)

EP 06292001 A 20061220; AR P070100638 A 20070214; AT 06292001 T 20061220; BR PI0700147 A 20070130; CA 2577042 A 20070201; CN 200710080133 A 20070212; DE 602006007535 T 20061220; DK 06292001 T 20061220; ES 06292001 T 20061220; FR 0650520 A 20060214; MA 29670 A 20070207; MX 2007001818 A 20070213; MY PI20070083 A 20070118; NO 20070741 A 20070208; PL 06292001 T 20061220; PT 06292001 T 20061220; SG 2006090617 A 20061226; SI 200630412 T 20061220; US 61786906 A 20061229