

Title (en)
Opening mechanism of slide assembly

Title (de)
Öffnungsmechanismus einer Schiebeanordnung

Title (fr)
Mécanisme d'ouverture d'un ensemble coulissant

Publication
EP 2532272 B1 20130918 (EN)

Application
EP 12150286 A 20120105

Priority
TW 100120292 A 20110609

Abstract (en)
[origin: EP2532272A1] The opening mechanism (16) includes a fixing member (18), a movable member (20), a locking member (22), a first resilient member (24) and a second resilient member (26). The fixing member (18) is fixed to a first rail (10) and has a guide portion (28), a stop (30) and a room (32). The movable member (20) is movably connected to the fixing member (18) and has a first leg (38), a second leg (40) and an engaging portion (44). The first leg (38) slidably contacts the guide portion (28) and the second leg (40) extends into the room (32). The locking member (22) is pivotably connected to a second rail (12) and includes a locking portion (54). The first and second resilient members (24, 26) respectively provide a force to a third rail (14) and the movable member (20). When the second rail (12) is forcibly pulled out relative to the first rail (10), the movable member (20) is moved and pivots an angle so that the locking portion (22) is disengaged from the engaging portion (44).

IPC 8 full level
A47B 88/04 (2006.01)

CPC (source: EP)
A47B 88/463 (2016.12)

Cited by
US9756940B2

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 2532272 A1 20121212; EP 2532272 B1 20130918; ES 2438175 T3 20140116; JP 3174192 U 20120308; TW 201249375 A 20121216; TW I421046 B 20140101

DOCDB simple family (application)
EP 12150286 A 20120105; ES 12150286 T 20120105; JP 2011007686 U 20111227; TW 100120292 A 20110609