

Title (en)
OPENING DEVICE FOR FURNITURE PARTS WHICH ARE MOVABLE RELATIVE TO ONE ANOTHER

Title (de)
ÖFFNUNGSVORRICHTUNG FÜR RELATIV ZUEINANDER BEWEGLICHE MÖBELTEILE

Title (fr)
DISPOSITIF D'OUVERTURE POUR DES PARTIES DE MEUBLE À MOBILITÉ RELATIVE

Publication
EP 2054573 B1 20100825 (DE)

Application
EP 07786071 A 20070714

Priority
• EP 2007006269 W 20070714
• DE 202006013028 U 20060824
• DE 202007005782 U 20070421

Abstract (en)
[origin: WO2008022673A1] An opening device (10) for furniture parts which are movable relative to one another, such as door wings (12), flaps and the like coupled pivotably to a furniture body, with an elongate ejector ram (30) which is mounted in a longitudinally displaceable manner in a housing (28) which can be fastened to one of the furniture parts which are movable relative to one another. The ejector ram is pretensioned at its one end by means of a spring (32) into a position in which it protrudes out of the housing (28) in the direction of the other furniture part in each case and can be pushed back into the interior of the housing counter to the pretensioning. The device has a locking device which locks the ejector ram (30) in the position in which it is retracted in the housing (28), and can be unlocked by manipulation by means of a user. A tensioning device is provided in the housing (28), the tensioning device forcibly displacing the ejector ram (30), when the movable furniture part (12) is completely opened, into the locking position in which said ram is retracted into the housing (28), said tensioning device converting the opening movement of the movable furniture part (12) in the interior of the housing via a tensioning member (33), which acts at its one end which is guided out of the housing (28) on the movable furniture part, into a movement pulling the ejector ram (30) back into the retracted position.

IPC 8 full level
E05C 19/02 (2006.01)

CPC (source: EP US)
E05F 1/105 (2013.01 - EP US); **E05F 11/54** (2013.01 - EP US); **E05C 19/022** (2013.01 - EP US); **E05Y 2201/22** (2013.01 - EP US); **E05Y 2201/221** (2024.05 - EP); **E05Y 2201/232** (2013.01 - EP US); **E05Y 2201/424** (2013.01 - EP US); **E05Y 2400/3013** (2024.05 - EP US); **E05Y 2900/20** (2013.01 - EP US)

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008022673 A1 20080228; AT E479004 T1 20100915; DE 502007004870 D1 20101007; EP 2054573 A1 20090506; EP 2054573 B1 20100825; US 2011131884 A1 20110609; US 8282175 B2 20121009

DOCDB simple family (application)
EP 2007006269 W 20070714; AT 07786071 T 20070714; DE 502007004870 T 20070714; EP 07786071 A 20070714; US 43869507 A 20070714