

Title (en)

RETAINING CLIP FOR AN ACTUATOR OF A FURNITURE FLAP

Title (de)

MONTAGESICHERUNG FÜR EINEN STELLANTRIEB EINER MÖBELKLAPPE

Title (fr)

FIXATION DE MONTAGE POUR UN ENTRAÎNEMENT DE COMMANDE D'UNE PORTE DE MEUBLE

Publication

EP 2342409 B1 20170315 (DE)

Application

EP 09775627 A 20090907

Priority

- AT 2009000349 W 20090907
- AT 17262008 A 20081106

Abstract (en)

[origin: WO2010051569A1] The invention relates to an actuator (3), comprising at least one pivotably supported actuating arm (4) for moving a furniture flap, wherein the actuating arm (4) is or can be acted on by a spring device (7), and wherein a retaining clip is proposed for the empty actuating arm (4) on which no furniture flap is mounted yet, wherein the retaining clip prevents accidental opening or deflecting of the empty actuating arm (4) and for this purpose comprises a brake or detent device (14) which can be moved by a shaft (R), wherein a transmission gear is provided by which the pivot speed of the actuating arm (4) can be geared to a higher rotational speed of the shaft (R) at least over a region of the pivot travel of the actuating arm (4) in the open direction.

IPC 8 full level

E05D 15/40 (2006.01); **E05F 1/10** (2006.01)

CPC (source: AT EP US)

E05D 15/401 (2013.01 - EP US); **E05F 1/1058** (2013.01 - AT EP US); **E05F 3/00** (2013.01 - AT); **E05F 5/00** (2013.01 - AT);
E05Y 2201/22 (2013.01 - EP US); **E05Y 2201/622** (2013.01 - EP US); **E05Y 2201/638** (2013.01 - EP US); **E05Y 2201/71** (2013.01 - EP US);
E05Y 2800/205 (2013.01 - EP US); **E05Y 2800/21** (2013.01 - EP US); **E05Y 2800/242** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

Cited by

WO2022082239A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010051569 A1 20100514; AT 15281 U1 20170415; AT 507527 A1 20100515; CN 102197187 A 20110921; CN 102197187 B 20140910;
EP 2342409 A1 20110713; EP 2342409 B1 20170315; ES 2626640 T3 20170725; HU E034788 T2 20180228; JP 2012507644 A 20120329;
JP 5571092 B2 20140813; KR 101675606 B1 20161111; KR 20110086688 A 20110729; US 2011193458 A1 20110811;
US 8590107 B2 20131126

DOCDB simple family (application)

AT 2009000349 W 20090907; AT 17262008 A 20081106; AT 80552014 U 20081106; CN 200980142358 A 20090907;
EP 09775627 A 20090907; ES 09775627 T 20090907; HU E09775627 A 20090907; JP 2011533482 A 20090907; KR 20117008473 A 20090907;
US 201113091449 A 20110421