

Title (en)
ACTUATOR FOR A FLAP ON AN ITEM OF FURNITURE

Title (de)
STELLANTRIEB FÜR EINE Klappe eines Möbels

Title (fr)
MÉCANISME DE COMMANDE POUR UN ABATTANT D'UN MEUBLE

Publication
EP 2809861 B1 20190206 (DE)

Application
EP 12810033 A 20121108

Priority
• AT 1232012 A 20120130
• AT 2012000284 W 20121108

Abstract (en)
[origin: WO2013113047A1] The invention relates to an actuator (4) for a flap (3) on an item of furniture (1), comprising at least one actuating arm (6) that is mounted such that it can be pivoted between a closed position and an open position in order to move said flap (3), comprising a spring device (9) for the purpose of acting on the actuating arm (6), and comprising a transmission mechanism (11) for transmitting the force of said spring device (9) onto the actuating arm (6), an adjustment device (26) being provided by means of which said transmission mechanism (11) can be shifted between at least two operating positions (A, B). In a first operating position (A), the spring device (9) applies a closing force, in the direction of the closed position, onto the actuating arm (6) which is in an opening position immediately upstream of said closed position, and in a second operating position (B), when said actuating arm (6) is in the aforementioned, immediately-upstream opening position, the spring device (9) exerts a force which acts in the direction of the open position.

IPC 8 full level
E05F 1/10 (2006.01); **E05F 1/12** (2006.01)

CPC (source: EP US)
E05F 1/1058 (2013.01 - EP US); **E05F 1/1261** (2013.01 - EP US); **E05F 1/14** (2013.01 - EP US); **E05Y 2201/499** (2024.05 - EP US); **E05Y 2201/618** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

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)
WO 2013113047 A1 20130808; AU 2012368178 A1 20140821; AU 2012368178 B2 20150716; CN 104136700 A 20141105; CN 104136700 B 20161019; EP 2809861 A1 20141210; EP 2809861 B1 20190206; ES 2724779 T3 20190916; HU E042960 T2 20190729; JP 2015508851 A 20150323; JP 5964457 B2 20160803; RU 2573292 C1 20160120; TR 201904888 T4 20190521; US 2014317883 A1 20141030; US 9464473 B2 20161011

DOCDB simple family (application)
AT 2012000284 W 20121108; AU 2012368178 A 20121108; CN 201280069807 A 20121108; EP 12810033 A 20121108; ES 12810033 T 20121108; HU E12810033 A 20121108; JP 2014553576 A 20121108; RU 2014135330 A 20121108; TR 201904888 T 20121108; US 201414331545 A 20140715