Title (en)
  ACTUATING DRIVE FOR MOVING A FURNITURE FLAP

Title (de)
  STELLANTRIEB ZUM BEWEGEN EINER MÖBELKLAPPE

Title (fr)
  ACTIONNEUR POUR DÉPLACER UN ABATTANT DE MEUBLE

Publication
  **EP 2678505 B1 20160629 (DE)**

Application
  **EP 11805369 A 20111216**

Priority
  • AT 2332011 A 20110222
  • AT 2011000498 W 20111216

Abstract (en)
  [origin: WO2012112997A1] The invention relates to an actuating drive (5) for moving a flap (4) of a piece of furniture (1), comprising: at least
  one pivotally supported actuating arm (6) for moving the flap (4), a spring device (8) for applying a pivoting torque to the actuating arm (6) in the
  opening direction, and an adjusting device (20) having an adjusting screw (11), which has a thread (21), wherein the pivoting torque of the spring
  device (8) acting on the actuating arm (6) can be adjusted by means of a rotational motion of the adjusting screw (11), wherein the adjusting screw
  (11) has a screw shaft (9), wherein a screw nut (10) is supported in such a way that said nut can be moved along the screw shaft (9) by means of
  a rotational motion of the adjusting screw (11), wherein the adjusting screw (11) has a blocking device (19) separate from the thread (21), which
  blocking device prevents an unintentional rotational motion of the adjusting screw (11).

IPC 8 full level
  **E05D 15/40** (2006.01); **E05D 15/46** (2006.01); **E05F 1/10** (2006.01); **E05F 1/12** (2006.01); **E06B 3/38** (2006.01); E05D 15/26 (2006.01)

CPC (source: EP US)
  **E05D 15/401** (2013.01 - EP US); **E05D 15/463** (2013.01 - EP US); **E05F 1/1058** (2013.01 - EP US); **E05F 1/1253** (2013.01 - US);
  **E06B 3/385** (2013.01 - US); E05D 15/262 (2013.01 - EP US); E05Y 2201/422 (2013.01 - EP US); E05Y 2201/618 (2013.01 - EP US);
  E05Y 2201/702 (2013.01 - EP US); E05Y 2600/20 (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 2012112997 A1 20120830**; AT 510984 A4 20120815; AT 510984 B1 20120815; CN 103477011 A 20131225; CN 103477011 B 20160224;
  EP 2678505 A1 20140101; EP 2678505 B1 20160629; HU E030829 T2 20170628; JP 2014506642 A 20140317; JP 5810175 B2 20151111;
  US 2013333291 A1 20131219

DOCDB simple family (application)
  **AT 2011000498 W 20111216**; AT 2332011 A 20110222; CN 201180069963 A 20111216; EP 11805369 A 20111216; HU E11805369 A 20111216;
  JP 2013554743 A 20111216; US 201313972222 A 20130821