Title (en)
ACTUATING MECHANISM FOR MOVING A HIGHLY MOVABLE FLAP OF A PIECE OF FURNITURE

Title (de)
STELLMECHANISMUS ZUM BEWEGEN EINER HOCHBEWEGBAREN KLAPPE EINS MÖBELS

Title (fr)
MÉCANISME D'ACTIONNEMENT DESTINÉ À DÉPLACER UN BATTANT D'UN MEUBLE POUVANT ÊTRE DÉPLACÉ VERS LE HAUT

Publication
EP 2252755 A1 20101124 (DE)

Application
EP 08861871 A 20081024

Priority
• AT 2008000388 W 20081024
• AT 20642007 A 20071219

Abstract (en)
[origin: WO2009076685A1] An actuating mechanism (5) for moving a highly movable flap (4) of a piece of furniture (1), comprising a main body (5a) intended for attachment to a furniture body (3), wherein an actuating arm (6) for moving the flap (4) is mounted at one end on a bearing axis (A) of the main body (5a) and at the other end on a bearing axis (B) of a fitting part (9) intended for attachment to the flap (4), and wherein an additional control arm (7) for moving the flap (4) is provided, wherein during the movement of the control arm (6) the effective lever arm length (L) of the control arm (7) can be varied, and the effective lever arm length (L) of the control arm (7) is shortened when opening the actuating arm (6).

IPC 8 full level
E05F 15/611 (2015.01); E05F 15/622 (2015.01); E05F 15/63 (2015.01)

CPC (source: EP US)
E05D 3/06 (2013.01 - EP US); E05D 15/46 (2013.01 - EP US); E05D 15/463 (2013.01 - EP US); E05F 15/622 (2015.01 - EP US); E05F 15/63 (2015.01 - EP US); E05Y 2201/624 (2013.01 - EP US); E05Y 2800/37 (2013.01 - EP US); E05Y 2900/20 (2013.01 - EP US); Y10T 74/20207 (2015.01 - EP US); Y10T 74/20341 (2015.01 - EP US)

Citation (search report)
See references of WO 2009076685A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009076685 A1 20090625; AT 506196 A1 20090715; AT 506196 B1 20101015; CN 101883907 A 20101110; CN 101883907 B 20130605; EP 2252755 A1 20101124; EP 2252755 B1 20161207; HU E031333 T2 20170728; JP 2011508856 A 20110317; JP 5324600 B2 20131023; US 2010229672 A1 20100916; US 8376480 B2 20130219

DOCDB simple family (application)
AT 2008000388 W 20081024; AT 20642007 A 20071219; CN 200880118918 A 20081024; EP 08861871 A 20081024; HU E08861871 A 20081024; JP 2010538259 A 20081024; US 77828010 A 20100512