

Title (en)

HARDWARE SYSTEM FOR GUIDING THE CLOSURE FLAP OF A FURNITURE PIECE

Title (de)

BESCHLAGSYSTEM ZUM FÜHREN EINER VERSCHLUSSKLAPPE EINES MÖBELSTÜCKS

Title (fr)

SYSTÈME DE FERRURE POUR LE GUIDAGE D'UN VOLET DE FERMETURE D'UN MEUBLE

Publication

EP 2739807 A1 20140611 (DE)

Application

EP 12745631 A 20120802

Priority

- DE 102011109552 A 20110805
- EP 2012003305 W 20120802

Abstract (en)

[origin: WO2013020678A1] The present invention provides an improved hardware system for guiding a closure flap (200) of a furniture piece. The hardware system according to the invention comprises a damping unit (120, 122) that is embedded in an end region (100') of a hardware body (100) in the hardware body (100) or substantially parallel to an end region of a guide slot (110) in a side wall of the furniture piece. A guide pin (210a) arranged in a side region of the closure flap (200) can be brought into contact with the damping unit (120, 122) and a weight force of the closure flap exercised via the guide pin (210a) can be applied to the damping unit (120, 122) across a damping distance when the closure flap (200) is transferred into an end position, and in doing so exercises a counter-force on the guide pin (210a), said force being lower than the weight-force exercised by the guide pin (210a) on the damping unit (120, 122).

IPC 8 full level

E05D 15/38 (2006.01); **E05F 5/10** (2006.01)

CPC (source: EP US)

A47B 96/00 (2013.01 - US); **E05D 15/00** (2013.01 - US); **E05D 15/38** (2013.01 - EP US); **E05F 5/10** (2013.01 - EP US); **E06B 3/50** (2013.01 - US); **E05F 5/003** (2013.01 - EP US); **E05Y 2600/53** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

Citation (search report)

See references of WO 2013020678A1

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)

DE 102011109552 A1 20130207; **DE 102011109552 B4 20150430**; AU 2012292620 A1 20140123; AU 2012292620 B2 20160512; EP 2739807 A1 20140611; EP 2739807 B1 20160316; ES 2570881 T3 20160520; US 2014210327 A1 20140731; WO 2013020678 A1 20130214

DOCDB simple family (application)

DE 102011109552 A 20110805; AU 2012292620 A 20120802; EP 12745631 A 20120802; EP 2012003305 W 20120802; ES 12745631 T 20120802; US 201214237229 A 20120802