

Title (en)
FURNITURE HINGE

Title (de)
MÖBELSCHARNIER

Title (fr)
CHARNIÈRE DE MEUBLE

Publication
EP 2057338 B1 20181017 (DE)

Application
EP 07787182 A 20070706

Priority
• EP 2007056900 W 20070706
• DE 202006013358 U 20060831

Abstract (en)
[origin: WO2008025591A1] A furniture hinge (1) comprises an installation plate (2) to which a side part (3) is fixed, and a hinge part (4) which is pivotable relative to the side part (3) between an open and a closed position and is articulated via a supporting lever (5) and a guide lever (6) in the manner of a parallel control arm, wherein a damper with a housing (11) and a piston rod (12) is provided in the side part (3) to damp the movement between side part (3) and hinge part (4), and wherein the damper (11, 12) is effective only in an angular range of less than 45° before the closed position of the hinge part (4). This improves the handling, with the damper preventing a furniture door from slamming shut.

IPC 8 full level
E05D 3/14 (2006.01); **E05F 5/00** (2017.01); **E05F 5/02** (2006.01)

CPC (source: EP KR)
E05D 3/06 (2013.01 - KR); **E05F 5/006** (2013.01 - EP); **E05F 5/02** (2013.01 - EP KR); **E05D 3/142** (2013.01 - EP); **E05Y 2201/21** (2013.01 - EP); **E05Y 2201/256** (2013.01 - EP); **E05Y 2201/264** (2013.01 - EP); **E05Y 2201/626** (2013.01 - EP); **E05Y 2600/45** (2013.01 - EP); **E05Y 2900/20** (2013.01 - EP)

Citation (examination)
• US 4449269 A 19840522 - SUNDERMEIER GUENTER [DE], et al
• CN 2809138 Y 20060823 - LIN XINDA [CN]

Cited by
WO2022159048A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 202006013358 U1 20080103; AU 2007291475 A1 20080306; AU 2007291475 A2 20090423; AU 2007291475 B2 20130314; CN 101512094 A 20090819; CN 101512094 B 20140212; CN 103132844 A 20130605; DE 202007019528 U1 20130405; DK 2057338 T3 20190204; EP 2057338 A1 20090513; EP 2057338 B1 20181017; ES 2704640 T3 20190319; JP 2010501754 A 20100121; JP 5076151 B2 20121121; KR 101376215 B1 20140321; KR 20090061640 A 20090616; PL 2057338 T3 20190531; PT 2057338 T 20190124; RU 2009110850 A 20101010; RU 2429333 C2 20110920; SI 2057338 T1 20190228; TR 201820927 T4 20190121; TW 200833933 A 20080816; TW I404854 B 20130811; WO 2008025591 A1 20080306

DOCDB simple family (application)
DE 202006013358 U 20060831; AU 2007291475 A 20070706; CN 200780032126 A 20070706; CN 201310052964 A 20070706; DE 202007019528 U 20070706; DK 07787182 T 20070706; EP 07787182 A 20070706; EP 2007056900 W 20070706; ES 07787182 T 20070706; JP 2009526001 A 20070706; KR 20097006615 A 20070706; PL 07787182 T 20070706; PT 07787182 T 20070706; RU 2009110850 A 20070706; SI 200732090 T 20070706; TR 201820927 T 20070706; TW 96125495 A 20070713