

Title (en)

FLAP FITTING AND PIECE OF FURNITURE

Title (de)

KLAPPENBESCHLAG UND MÖBEL

Title (fr)

FERRURE POUR CLAPET ET MEUBLE

Publication

EP 3649313 B1 20220608 (DE)

Application

EP 18735247 A 20180626

Priority

- DE 102017114775 A 20170703
- EP 2018067154 W 20180626

Abstract (en)

[origin: CA3067762A1] The invention relates to a shutter fitting (4), in particular for a piece of furniture, said fitting comprising a housing (5) which can be fixed to a body (2), on which housing a supporting arm (6) is mounted rotatably, and comprising a pivotably mounted control arm (7), wherein the supporting arm (6) and the control arm (7) can be hingedly connected to a shutter (3) at an attachment point (9) via spaced-apart axes of rotation (61, 71), wherein a damper (96) is provided at the attachment point (9) and can be actuated via a movement of the supporting arm (6) and/or the control arm (7) in the event of an opening movement of the shutter (3), before the maximum opening position is reached. The handling of the shutter fitting during the opening process is thus improved.

IPC 8 full level

E05D 15/46 (2006.01); **E05D 15/40** (2006.01); **E05F 1/10** (2006.01); **E05F 1/12** (2006.01); **E05F 5/10** (2006.01); **E05D 3/12** (2006.01)

CPC (source: EP KR US)

E05D 15/40 (2013.01 - EP KR); **E05D 15/46** (2013.01 - EP); **E05F 1/1058** (2013.01 - US); **E05F 1/1075** (2013.01 - EP KR);
E05F 1/1276 (2013.01 - EP KR); **E05F 5/06** (2013.01 - US); **E05F 5/10** (2013.01 - EP KR); **E05D 3/122** (2013.01 - EP KR);
E05D 15/40 (2013.01 - US); **E05F 5/10** (2013.01 - US); **E05Y 2201/21** (2013.01 - EP KR US); **E05Y 2201/256** (2013.01 - US);
E05Y 2201/264 (2013.01 - EP KR US); **E05Y 2201/424** (2013.01 - EP KR); **E05Y 2201/71** (2013.01 - EP KR);
E05Y 2900/20 (2013.01 - EP KR US)

Citation (examination)

- DE 202010015091 U1 20120206 - GRASS GMBH [AT]
- WO 2012155165 A2 20121122 - BLUM GMBH JULIUS [AT], et al
- EP 1871967 B1 20080827 - HUWIL WERKE GMBH [DE]
- DE 202007014295 U1 20080313 - SIQUAR HARDWARE INDUSTRY CO LT [TW], et al
- US 2011131885 A1 20110609 - AJIKI SHINICHI [JP], et al

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 102017114775 A1 20190103; AU 2018298325 A1 20200116; BR 112019027835 A2 20200707; CA 3067762 A1 20190110;
CN 110832162 A 20200221; CN 110832162 B 20220513; EP 3649313 A1 20200513; EP 3649313 B1 20220608; JP 2020525683 A 20200827;
KR 20200024887 A 20200309; RU 2020103837 A 20210803; US 2020224477 A1 20200716; WO 2019007763 A1 20190110

DOCDB simple family (application)

DE 102017114775 A 20170703; AU 2018298325 A 20180626; BR 112019027835 A 20180626; CA 3067762 A 20180626;
CN 201880044665 A 20180626; EP 18735247 A 20180626; EP 2018067154 W 20180626; JP 2019572384 A 20180626;
KR 20207003006 A 20180626; RU 2020103837 A 20180626; US 201816628139 A 20180626