

Title (en)
DAMPING ASSEMBLY AND FLAP FITTING

Title (de)
DÄMPFERANORDNUNG UND KLAPPENBESCHLAG

Title (fr)
ENSEMBLE AMORTISSEUR ET FERRURE POUR ABATTANT

Publication
EP 3649311 A1 20200513 (DE)

Application
EP 18735246 A 20180626

Priority
• DE 102017114776 A 20170703
• EP 2018067153 W 20180626

Abstract (en)
[origin: CA3067706A1] The invention relates to a damping assembly (40), in particular for a flap fitting (4), which damping assembly comprises a first spring holder (22) and a second spring holder (24), between which at least two springs (21) are arranged, which are designed as coil springs, wherein in each of the at least two springs (21) a linear damper having a damper housing (41) and having a piston rod (42) slidable relative to the damper housing (41) is arranged between the first and second spring holders (22, 24). Such a damping assembly is used in particular for a flap fitting for furniture in order to pivotably mount a flap on a furniture body and to apply high forces in a compact design.

IPC 8 full level
E05D 15/26 (2006.01); **E05D 15/46** (2006.01); **E05F 1/10** (2006.01); **E05F 3/10** (2006.01); **E05F 5/10** (2006.01)

CPC (source: EP KR RU US)
E05D 15/26 (2013.01 - KR RU); **E05D 15/46** (2013.01 - EP KR RU); **E05F 1/1058** (2013.01 - EP KR RU); **E05F 3/18** (2013.01 - KR RU US); **E05F 3/20** (2013.01 - RU US); **E05F 5/10** (2013.01 - EP KR RU); **E05D 3/122** (2013.01 - EP KR); **E05F 1/10** (2013.01 - KR); **E05F 3/10** (2013.01 - EP KR); **E05Y 2201/212** (2013.01 - US); **E05Y 2201/604** (2013.01 - US); **E05Y 2201/716** (2013.01 - EP KR); **E05Y 2800/205** (2013.01 - EP KR); **E05Y 2800/21** (2013.01 - EP KR); **E05Y 2800/24** (2013.01 - EP KR); **E05Y 2800/242** (2013.01 - EP KR); **E05Y 2900/20** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2019007762A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102017114776 A1 20190103; AU 2018296734 A1 20200116; BR 112019028048 A2 20200707; CA 3067706 A1 20190110; CN 110869572 A 20200306; CN 110869572 B 20220408; EP 3649311 A1 20200513; EP 3649311 B1 20240515; JP 2020525682 A 20200827; KR 102519464 B1 20230407; KR 20200024864 A 20200309; RU 2019142138 A 20210803; RU 2019142138 A3 20210923; RU 2762657 C2 20211221; US 11098516 B2 20210824; US 2020131828 A1 20200430; WO 2019007762 A1 20190110

DOCDB simple family (application)
DE 102017114776 A 20170703; AU 2018296734 A 20180626; BR 112019028048 A 20180626; CA 3067706 A 20180626; CN 201880045072 A 20180626; EP 18735246 A 20180626; EP 2018067153 W 20180626; JP 2019572375 A 20180626; KR 20207002657 A 20180626; RU 2019142138 A 20180626; US 201816628140 A 20180626