

Title (en)
FURNITURE DRIVE

Title (de)
MÖBELANTRIEB

Title (fr)
DISPOSITIF D'ENTRAÎNEMENT POUR MEUBLE

Publication
EP 3439505 B1 20200401 (DE)

Application
EP 17706403 A 20170209

Priority

- AT 502742016 A 20160405
- AT 2017060023 W 20170209

Abstract (en)
[origin: WO2017173469A2] The invention relates to a furniture drive (13) for retracting a movably supported furniture part (3) in a closed end position relative to a furniture body (2), comprising: - a driver (14) for retracting the movable furniture part (3), wherein the driver (14) is displaceably mounted at least in sections along a linear travel path (31a) and can be detachably coupled to the movable furniture part (3), - a spring device (17) for applying force to the driver (14) in a retraction direction (22), - a damping device (19) for damping a movement of the driver (14) in the retraction direction (22), the damping device (19) comprising a fluid chamber (20) and a tappet (21) which is displaceably mounted relative to the fluid chamber (20), - a holding device (16) arranged between the tappet (21) and the driver (14), the holding device (16) holding the tappet (21) relative to the driver (14), wherein the tappet (21) is movable through an opening (24) of the holding device (16) when a force acting upon the driver (14) in the retraction direction (22) is exceeded, whereby the driver (14) can be decoupled from the tappet (21).

IPC 8 full level
A47B 88/467 (2017.01); **E05F 1/16** (2006.01)

CPC (source: AT EP US)
A47B 88/46 (2016.12 - US); **A47B 88/467** (2016.12 - AT EP US); **A47B 88/473** (2016.12 - US); **E05F 1/16** (2013.01 - US);
A47B 2210/0091 (2013.01 - US); **E05Y 2800/24** (2013.01 - US); **E05Y 2900/20** (2013.01 - US)

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)

WO 2017173469 A2 20171012; WO 2017173469 A3 20171130; AT 518398 A4 20171015; AT 518398 B1 20171015; CN 108882794 A 20181123;
CN 108882794 B 20200526; EP 3439505 A2 20190213; EP 3439505 B1 20200401; ES 2802573 T3 20210120; JP 2019510578 A 20190418;
JP 6732937 B2 20200729; MY 191813 A 20220718; US 10653240 B2 20200519; US 2019008276 A1 20190110

DOCDB simple family (application)

AT 2017060023 W 20170209; AT 502742016 A 20160405; CN 201780020797 A 20170209; EP 17706403 A 20170209;
ES 17706403 T 20170209; JP 2018552166 A 20170209; MY PI2018001597 A 20170209; US 201816130376 A 20180925