

Title (en)
DRIVE DEVICE FOR A MOVABLE FURNITURE PART

Title (de)
ANTRIEBSVORRICHTUNG FÜR EIN BEWEGBARES MÖBELTEIL

Title (fr)
DISPOSITIF D'ENTRAÎNEMENT POUR ÉLÉMENT DE MEUBLE MOBILE

Publication
EP 2983558 A1 20160217 (DE)

Application
EP 14723307 A 20140326

Priority
• AT 2922013 A 20130412
• AT 2014000056 W 20140326

Abstract (en)
[origin: WO2014165874A1] The invention relates to a drive device (1) for a moveable furniture part (2) comprising an ejection element (3), an ejection force accumulator (4) and a locking device (5) for the ejection element (3). Said locking device (5) comprises a locking journal (7) which is subjected to force of the ejection force accumulator (4) and can be locked in a locked position (V) in a latch region (R) of a guide track (6). Said guide track (6) is shaped like a curved heart and comprises a tightening section (S) in which the locking journal (7) can be moved when the ejection force accumulator (4) is tightened, and a latching movement section (E) of the locking journal (7) prior to reaching the locked position (V) in the latch region (R). The locking journal (7) impinged upon by the tightened ejection force accumulator (4) can be slowed down and/or dampened in the latching movement section (E) and can be placed in the latch region (R).

IPC 8 full level
A47B 88/04 (2006.01); **A47B 88/49** (2017.01)

CPC (source: AT EP US)
A47B 88/463 (2016.12 - AT EP US); **A47B 88/467** (2016.12 - US); **A47B 88/47** (2016.12 - EP US); **A47B 88/49** (2016.12 - EP US);
A47B 88/57 (2016.12 - EP US)

Citation (search report)
See references of WO 2014165874A1

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)
WO 2014165874 A1 20141016; AT 514141 A1 20141015; AT 514141 B1 20150815; AT 514142 A2 20141015; AT 514142 A3 20150915; CN 105142460 A 20151209; CN 105142460 B 20180119; CN 105228490 A 20160106; CN 105228490 B 20180529; EP 2983555 A1 20160217; EP 2983555 B1 20180620; EP 2983558 A1 20160217; EP 2983558 B1 20171101; ES 1205836 U 20180220; ES 1205836 Y 20180511; ES 2658414 T3 20180309; ES 2688460 T3 20181102; JP 2016518176 A 20160623; JP 2016518177 A 20160623; JP 6209269 B2 20171004; JP 6220442 B2 20171025; KR 101860621 B1 20180523; KR 101860622 B1 20180523; KR 20150126040 A 20151110; KR 20150126409 A 20151111; MY 172837 A 20191212; MY 172934 A 20191216; US 2015374125 A1 20151231; US 2016007750 A1 20160114; US 9642461 B2 20170509; US 9717334 B2 20170801; WO 2014165875 A1 20141016

DOCDB simple family (application)
AT 2014000056 W 20140326; AT 2014000057 W 20140326; AT 2152014 A 20140326; AT 2922013 A 20130412; CN 201480020700 A 20140326; CN 201480020809 A 20140326; EP 14719184 A 20140326; EP 14723307 A 20140326; ES 14719184 T 20140326; ES 14723307 T 20140326; ES 201830146 U 20140326; JP 2016506717 A 20140326; JP 2016506718 A 20140326; KR 20157028027 A 20140326; KR 20157028159 A 20140326; MY PI2015002202 A 20140326; MY PI2015002419 A 20140326; US 201514847278 A 20150908; US 201514865055 A 20150925