

Title (en)
GUIDE SYSTEM FOR FURNITURE PARTS

Title (de)
FÜHRUNGSSYSTEM FÜR MÖBELTEILE

Title (fr)
SYSTÈME DE GUIDAGE POUR PARTIES DE MEUBLES

Publication
EP 3568553 A1 20191120 (DE)

Application
EP 18700700 A 20180108

Priority
• AT 500222017 A 20170113
• AT 2018060003 W 20180108

Abstract (en)
[origin: WO2018129573A1] The invention relates to a guide system (2) for guiding a movably mounted first furniture part (3a), in particular a first door leaf of a folding door, which is hinged to at least one second furniture part (3b), in particular a second door leaf of a folding door, said guide system comprising: a first guide rail (9a) for guiding the furniture parts (3a, 3b); a second guide rail (13a) for guiding the furniture parts (3a, 3b), the second guide rail (13a) running transversely to the first guide rail (9a) when in the mounted position; a guide device (10) which can be connected to one of the furniture parts (3a, 3b) and can be moved relative to the first and second guide rails (9a, 13a) and can be transferred back and forth between the first and second guide rails (9a, 13a) in an intersection region (45), as seen in a bird's eye view of the first and second guide rails (9a, 13a) when in the mounted position. The guide system (2) has a drive device (12) having a catch (20) which is loaded by at least one energy accumulator (21) and can be coupled detachably to the guide device (10), the catch (20) being locked in a parked position. The catch (20) can be unlocked by the guide device (10) entering the intersection region (45) so that the catch (20) together with the guide device (10) coupled thereto can be pulled in, at least in some sections, along the second guide rail (13a) by the force of the at least one energy accumulator (21).

IPC 8 full level
E05D 15/26 (2006.01); **E05D 15/58** (2006.01); **E05F 1/16** (2006.01); **E05F 5/00** (2017.01)

CPC (source: AT EP US)
E05D 15/264 (2013.01 - EP US); **E05D 15/58** (2013.01 - EP US); **E05F 1/08** (2013.01 - EP US); **E05F 5/00** (2013.01 - EP US); **E06B 3/482** (2013.01 - US); **E06B 3/5045** (2013.01 - AT US); **E05D 2015/586** (2013.01 - AT EP); **E05F 1/16** (2013.01 - EP US); **E05Y 2201/638** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - US); **E05Y 2900/212** (2013.01 - EP US)

Citation (search report)
See references of WO 2018129573A1

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 2018129573 A1 20180719; AT 519246 A4 20180515; AT 519246 B1 20180515; CN 110199079 A 20190903; CN 110199079 B 20201218; EP 3568553 A1 20191120; EP 3568553 B1 20210818; EP 3926136 A1 20211222; EP 3926136 B1 20230607; ES 2899295 T3 20220310; ES 2955998 T3 20231211; JP 2020513935 A 20200521; JP 6851487 B2 20210331; TW 201839244 A 20181101; TW I665372 B 20190711; US 11008791 B2 20210518; US 2019301218 A1 20191003

DOCDB simple family (application)
AT 2018060003 W 20180108; AT 500222017 A 20170113; CN 201880006712 A 20180108; EP 18700700 A 20180108; EP 21191325 A 20180108; ES 18700700 T 20180108; ES 21191325 T 20180108; JP 2019538163 A 20180108; TW 107100845 A 20180110; US 201916444320 A 20190618