

Title (en)

ARRANGEMENT OF A PULL-OUT GUIDE, A RAIL SYNCHRONIZATION DEVICE, AND A DRIVER

Title (de)

ANORDNUNG AUS AUSZIEHFÜHRUNG, SCHIENEN-SYNCHRONISIERUNGSVORRICHTUNG UND MITNEHMER

Title (fr)

ENSEMBLE COMPOSÉ DE GLISSIÈRE DE GUIDAGE, DISPOSITIF DE SYNCHRONISATION DE RAILS ET ENTRAÎNEUR

Publication

EP 3745916 A1 20201209 (DE)

Application

EP 19704713 A 20190123

Priority

- AT 501002018 A 20180201
- AT 2019060026 W 20190123

Abstract (en)

[origin: WO2019148223A1] The invention relates to an arrangement (100) of a pull-out guide (3) that can be fastened to a piece of furniture (10), wherein the pull-out guide (3) has a first rail (1), and a second rail (2) that is movably mounted on the first rail (1), and a rail synchronization device (4). The rail synchronization device (4) comprises a toothed rack (41) connected to the first rail (1), a toothed wheel (42) meshing with the toothed rack (41), and a bearing block (43) connected to the second rail (2), wherein the toothed wheel (42) is rotatably mounted in the bearing block (43), and a driver (5) for a drawer drive device (6), wherein the toothed rack (41) of the rail synchronization device (4) is connected to the driver (5).

IPC 8 full level

A47B 88/45 (2017.01)

CPC (source: EP US)

A47B 88/45 (2016.12 - EP US); **A47B 88/453** (2016.12 - US); **A47B 88/463** (2016.12 - US); **A47B 88/497** (2016.12 - US); **A47B 2210/0078** (2013.01 - EP US)

Citation (search report)

See references of WO 2019148223A1

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 2019148223 A1 20190808; AT 520817 A4 20190815; AT 520817 B1 20190815; CN 111669991 A 20200915; CN 111669991 B 20220429; EP 3745916 A1 20201209; EP 3745916 B1 20220406; EP 4039132 A1 20220810; ES 2921053 T3 20220817; JP 2021511904 A 20210513; JP 7065981 B2 20220512; TW 201934047 A 20190901; TW I690283 B 20200411; US 11304521 B2 20220419; US 2020359790 A1 20201119

DOCDB simple family (application)

AT 2019060026 W 20190123; AT 501002018 A 20180201; CN 201980011119 A 20190123; EP 19704713 A 20190123; EP 22165056 A 20190123; ES 19704713 T 20190123; JP 2020541982 A 20190123; TW 108103207 A 20190129; US 202016945005 A 20200731