

Title (en)

DRIVE DEVICE FOR A MOVABLE FURNITURE PART

Title (de)

ANTRIEBSVORRICHTUNG FÜR EIN BEWEGBARES MÖBELTEIL

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT D'UN ÉLÉMENT DE MEUBLE MOBILE

Publication

EP 3684225 A1 20200729 (DE)

Application

EP 18781951 A 20180919

Priority

- AT 507962017 A 20170920
- AT 2018060218 W 20180919

Abstract (en)

[origin: WO2019056035A1] The invention relates to a drive device (1) for a movable furniture part (2), particularly for a drawer, comprising a support (3), an ejection device (4) that can be moved in relation to the support (3) and is used to eject the movable furniture part (2) out of a closing position (SS) into an opening position (OS), a locking device (5) for locking the ejection device (4) in a locking position (VS), a trigger mechanism (6) for moving the locking device (5) out of the locking position (VS) into an unlocking position (ES), the trigger mechanism (6) being activatable by overcompression of the movable furniture part (2) into an overcompression position (ÜS) located behind the closing position (SS), and the movable furniture part (2) being movable by the ejection device (4) in the opening direction (OR) when the unlocking position (ES) is reached, and a transmission device (7) separate from the movable furniture part (2), for transmitting the position of the movable furniture part (2) to the trigger mechanism (6), a movement being transmittable by the transmission device (7) from the movable furniture part (2) to the trigger mechanism (6). According to the invention, a coupling device (8) acting or arranged between the transmission device (7) and the trigger mechanism (6) is provided, and when the ejection device (4) is in the locking position (VS), the coupling device (8) can be moved from an uncoupling position (EK) into a coupling position (KS), the transmission device (7) being movably coupled to the trigger mechanism (6) by the coupling device (8) in the coupling position (KS).

IPC 8 full level

A47B 88/463 (2017.01); **A47B 88/45** (2017.01)

CPC (source: EP US)

A47B 88/45 (2016.12 - EP); **A47B 88/463** (2016.12 - EP US); **A47B 88/477** (2016.12 - US); **A47B 2210/0078** (2013.01 - EP); **A47B 2210/0091** (2013.01 - US)

Citation (search report)

See references of WO 2019056035A1

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 2019056035 A1 20190328; CN 111246777 A 20200605; CN 111246777 B 20220412; EP 3684225 A1 20200729; EP 3684225 B1 20210915; EP 3824763 A1 20210526; EP 3824763 B1 20230329; ES 2900630 T3 20220317; ES 2949087 T3 20230925; JP 2020534095 A 20201126; JP 7038805 B2 20220318; TW 201919518 A 20190601; TW I673026 B 20191001; US 11253067 B2 20220222; US 2020205566 A1 20200702

DOCDB simple family (application)

AT 2018060218 W 20180919; CN 201880068468 A 20180919; EP 18781951 A 20180919; EP 20216050 A 20180919; ES 18781951 T 20180919; ES 20216050 T 20180919; JP 2020516672 A 20180919; TW 107133145 A 20180920; US 202016814164 A 20200310