

Title (en)

PIECE OF FURNITURE AND METHOD FOR OPENING A MOVABLE FURNITURE PART WITH SYNCHRONISED PUSHING-OUT DEVICES

Title (de)

MÖBEL UND VERFAHREN ZUM ÖFFNEN EINES BEWEGBAREN MÖBELTEILS MIT SYNCHRONISIERTEN AUSSTOSSVORRICHTUNGEN

Title (fr)

MEUBLE ET PROCÉDÉ D'OUVERTURE D'UN ÉLÉMENT DE MEUBLE MOBILE AVEC DES DISPOSITIFS D'ÉJECTION SYNCRONISÉS

Publication

EP 3531868 A1 20190904 (DE)

Application

EP 17764598 A 20170911

Priority

- DE 102016120590 A 20161027
- EP 2017072719 W 20170911

Abstract (en)

[origin: WO2018077521A1] A pushing-out device for a movable furniture part, in particular a drawer (3), comprises a drive element (9) which is prestressed by an energy store, wherein, for unlocking of a locking device, the energy store drives the drive element (9) relative to a guide (80) in order to shift the movable furniture part out in the opening direction and the locking device can be unlocked by virtue of a front panel (4) of the movable furniture part being pushed from a closed position into an excess-pressure position, by the drive element (9) being moved relative to the guide (80), wherein a mechanical sensor (16, 24) is provided and is coupled to the locking device via mechanical transmission means (12, 14, 22, 29) and, upon movement of the front panel (4), the locking device can also be unlocked by the mechanical sensor (16, 24). The invention also relates to a piece of furniture having such a pushing-out device and to a method for opening a movable furniture part.

IPC 8 full level

A47B 88/463 (2017.01)

CPC (source: EP)

A47B 88/463 (2016.12); **A47B 88/44** (2016.12)

Citation (search report)

See references of WO 2018077521A1

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 2018077521 A1 20180503; CN 109890251 A 20190614; CN 109890251 B 20210409; DE 102016120590 A1 20180503; EP 3531868 A1 20190904; EP 3531868 B1 20200513; ES 2806406 T3 20210217

DOCDB simple family (application)

EP 2017072719 W 20170911; CN 201780066535 A 20170911; DE 102016120590 A 20161027; EP 17764598 A 20170911; ES 17764598 T 20170911