

Title (en)

EJECTION DEVICE FOR A MOBILE FURNITURE PART

Title (de)

AUSSTOSSVORRICHTUNG FÜR EIN BEWEGBARES MÖBELTEIL

Title (fr)

DISPOSITIF D'ÉJECTION POUR UN ÉLÉMENT MOBILE DE MEUBLE

Publication

[EP 3307112 A1 20180418 \(DE\)](#)

Application

[EP 16734548 A 20160517](#)

Priority

- AT 3612015 A 20150609
- AT 2016050143 W 20160517

Abstract (en)

[origin: WO2016197164A1] The invention relates to an ejection device (1) for a movable furniture part (2), comprising a support (3) which is formed in particular as a housing; an ejection element (4) for ejecting the movable furniture part (2) from a closed position (SS) into an open position (OS) along an ejection path (A); an ejection force accumulator (5) which applies a force to the ejection element (4) in the opening direction (OR) of the movable furniture part (2), said ejection force accumulator (5) acting on the support (3) and on the ejection element (4); and a clamping device (6) for clamping the ejection force accumulator (5). The clamping device (6) has a clamping element (7), which can be coupled to the movable furniture part (2), and a movement transmission element (8), in particular a rotatable movement transmission element, between the clamping element (7) and the ejection element (4). The clamping element (7) and the ejection element (4) can be moved in opposite directions (R1, R2) in a coupled manner by the movement transmission element (8) when the ejection force accumulator (5) is clamped, and the ejection element (4), the movement transmission element (8), and the clamping element (7) can be moved together relative to the support (3) at least over a first part of the ejection path (A).

IPC 8 full level

[E05F 1/10](#) (2006.01)

CPC (source: AT EP US)

[A47B 88/463](#) (2017.01 - AT EP US); [E05F 1/08](#) (2013.01 - AT US); [E05F 1/10](#) (2013.01 - US); [E05F 1/1041](#) (2013.01 - EP US);
[E05F 1/16](#) (2013.01 - EP US); [E05Y 2201/221](#) (2024.05 - EP); [E05Y 2201/426](#) (2013.01 - EP US); [E05Y 2201/716](#) (2013.01 - EP US);
[E05Y 2201/722](#) (2013.01 - EP US); [E05Y 2600/502](#) (2013.01 - EP US); [E05Y 2900/20](#) (2013.01 - EP US)

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 2016197164 A1 20161215](#); AT 16159 U1 20190215; CN 107847050 A 20180327; CN 107847050 B 20200313; EP 3307112 A1 20180418;
EP 3486418 A1 20190522; EP 3486418 B1 20231018; ES 2968259 T3 20240508; JP 2018517083 A 20180628; JP 6556267 B2 20190807;
US 10508483 B2 20191217; US 2018087305 A1 20180329

DOCDB simple family (application)

[AT 2016050143 W 20160517](#); AT 80252016 U 20150609; CN 201680042234 A 20160517; EP 16734548 A 20160517; EP 18213563 A 20160517;
ES 18213563 T 20160517; JP 2017564072 A 20160517; US 201715830550 A 20171204