

Title (en)

EJECTION DEVICE FOR A MOVABLE FURNITURE PART

Title (de)

AUSSTOßVORRICHTUNG FÜR EIN BEWEGBARES MÖBELTEIL

Title (fr)

DISPOSITIF DE POUSSÉE POUR UNE PARTIE DE MEUBLE MOBILE

Publication

EP 3574173 A1 20191204 (DE)

Application

EP 17825098 A 20171221

Priority

- AT 500482017 A 20170125
- AT 2017060343 W 20171221

Abstract (en)

[origin: WO2018136983A1] The invention relates to an ejection device (1, 101, 201) for a movable furniture part (2, 22), having: at least one ejection element (3, 203) for ejecting the movable furniture part (2, 22) from a closed position into an open position; at least one ejection energy store (4, 204) for applying force to the at least one ejection element (3, 203) when the movable furniture part (2, 22) is ejected from the closed position into the open position; and at least one locking device (5, 205) for locking the at least one ejection element (3, 203) counter to the application of force by the at least one ejection energy store (4, 204). The at least one locking device (5, 205) can be unlocked by pushing the movable furniture part (2, 22) further into a further pushed position behind the closed position in the closing direction (6). There is at least one switching element (7, 207) which is operatively connected to the at least one locking device (5, 205) and has at least one activation position in which the at least one locking device (5, 205) can be unlocked and at least one deactivation position in which the at least one locking device (5, 205) cannot be unlocked. The at least one switching element (7, 207) can be moved into the at least one deactivation position when the movable furniture part (2, 22) is ejected from the closed position into the open position and/or by unlocking of the at least one locking device (5, 205).

IPC 8 full level

E05D 15/26 (2006.01); **E05D 15/58** (2006.01); **E05F 1/10** (2006.01); **E05F 5/00** (2017.01)

CPC (source: AT EP)

E05D 15/264 (2013.01 - EP); **E05D 15/58** (2013.01 - EP); **E05F 1/08** (2013.01 - AT); **E05F 1/105** (2013.01 - EP); **E05F 5/00** (2013.01 - EP); **E05D 15/262** (2013.01 - EP); **E05Y 2201/221** (2024.05 - EP); **E05Y 2201/244** (2013.01 - EP); **E05Y 2201/426** (2013.01 - EP); **E05Y 2800/10** (2013.01 - EP); **E05Y 2800/24** (2013.01 - EP); **E05Y 2900/20** (2013.01 - EP); **E05Y 2900/212** (2013.01 - EP)

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

DOCDB simple family (publication)

WO 2018136983 A1 20180802; AT 519571 A4 20180815; AT 519571 B1 20180815; CN 110199078 A 20190903; CN 110199078 B 20210803; EP 3574173 A1 20191204; EP 3574173 B1 20221019; EP 4134506 A1 20230215; ES 2936095 T3 20230314; JP 2020514599 A 20200521; JP 6890681 B2 20210618; TW 201831117 A 20180901; TW I662921 B 20190621

DOCDB simple family (application)

AT 2017060343 W 20171221; AT 500482017 A 20170125; CN 201780084461 A 20171221; EP 17825098 A 20171221; EP 22200199 A 20171221; ES 17825098 T 20171221; JP 2019560423 A 20171221; TW 107102287 A 20180123