

Title (en)
Opening device for movable parts of furniture

Title (de)
Ausstoßvorrichtung für bewegbare Möbelteile

Title (fr)
Dispositif d'éjection pour éléments de meuble mouvants

Publication
EP 2364614 A3 20130529 (DE)

Application
EP 11156586 A 20110302

Priority
DE 102010015947 A 20100312

Abstract (en)
[origin: EP2364614A2] The device (74) has an ejecting mechanism comprising an ejector (13) that brings a movable furniture part i.e. drawer (2), from a closing position into an opened position. A releasing mechanism controls loading and unloading of a force storage unit i.e. spring (14). A force storage unit of a feeding mechanism partially loads the force storage unit of the release mechanism still reaching the closed position by a force transfer unit e.g. toothed wheel or lever gear (8). The toothed wheel is coupled with the ejector by a toothed rod or a friction rod.

IPC 8 full level
A47B 88/04 (2006.01)

CPC (source: EP)
A47B 88/47 (2016.12)

Citation (search report)

- [XA] AT 8629 U1 20061015 - BLUM GMBH JULIUS [AT]
- [XA] DE 202004019738 U1 20050317 - ALFIT AG GOETZIS [AT]
- [A] DE 19823305 A1 19991202 - BULTHAUP GMBH & CO [DE]

Cited by
US2017049229A1; CN106466063A; AT511938A4; AT511938B1; AT512165A4; AT512165B1; AT512509A4; AT512509B1; CN104684440A; AT514143A1; US9375083B2; US9295328B2; US9775434B2; WO2014008520A1; US9797175B2; EP3684224B1

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

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DOCDB simple family (application)
EP 11156586 A 20110302; DE 102010015947 A 20100312; ES 11156586 T 20110302