

Title (en)
Ejection mechanism

Title (de)
Ausstoßmechanismus

Title (fr)
Mécanisme d'éjection

Publication
EP 2465381 B1 20190403 (DE)

Application
EP 12150955 A 20100806

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• DE 102009026349 A 20090807
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Abstract (en)
[origin: WO2011015663A2] An ejection mechanism, particularly for mobile pieces of furniture, comprising a curve guide (7, 7', 7'', 7''', 7'''), along which a driver (11, 11', 11'', 11''', 11''') can be displaced, wherein the driver (11, 11', 11'', 11''', 11''') is prestressed in one direction by at least one force accumulator (8, 8') and can be latched in a locked position at the curve guide (7, 7', 7'', 7''', 7''') with the stressed force accumulator (8, 8'), and an activator (5, 5', 5'', 5''', 5'''), which can be coupled to the driver (11, 11', 11'', 11''', 11''') at least in the locked position, wherein the activator (5, 5', 5'', 5''', 5''') can be moved relative to the curve guide (7, 7', 7'', 7''', 7''') or the curve guide (7') can be moved relative to the activator (5'), wherein in the locked position the driver (11, 11', 11'', 11''', 11''') can be released by a relative movement of the activator (5, 5', 5'', 5''', 5''') relative to the curve guide (7, 7', 7'', 7''', 7''') or by a relative movement of the curve guide (7') relative to the activator (5'). The activator (5, 5', 5'', 5''', 5''') and/or the curve guide (7, 7', 7'', 7''', 7''') can be moved both in a first direction and in an opposite second direction to release the driver (11, 11', 11'', 11''', 11''').

IPC 8 full level
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A47B 88/47 (2016.12 - EP KR); **E05D 15/063** (2013.01 - EP KR); **E05F 1/16** (2013.01 - EP KR); **E05F 5/003** (2013.01 - EP KR); **E05F 5/027** (2013.01 - EP KR); **E05Y 2800/24** (2013.01 - EP); **E05Y 2800/75** (2013.01 - EP)

Cited by
DE102019113071A1; US12059072B2

Designated contracting state (EPC)
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DE 102010036902 A1 20110210; AU 2010280717 A1 20120329; AU 2010280717 B2 20150716; CN 102469880 A 20120523; CN 102469880 B 20140312; EP 2461720 A2 20120613; EP 2461720 B1 20170308; EP 2465381 A1 20120620; EP 2465381 B1 20190403; EP 2471412 A1 20120704; EP 2471412 B1 20150225; ES 2537632 T3 20150610; ES 2627699 T3 20170731; ES 2733427 T3 20191129; JP 2013500806 A 20130110; JP 5678329 B2 20150304; KR 20120059539 A 20120608; RU 2012107646 A 20130920; RU 2543407 C2 20150227; TW 201110911 A 20110401; WO 2011015663 A2 20110210; WO 2011015663 A3 20110414

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