

Title (en)
Locking device and drawer slide

Title (de)
Rastbeschlag und Auszugsführung

Title (fr)
Dispositif de verrouillage et glissière

Publication
EP 2272400 A1 20110112 (DE)

Application
EP 10166988 A 20100623

Priority
• DE 202009005008 U 20090709
• DE 202009005256 U 20090909

Abstract (en)
The device has a cam segment in which a switching element (10) is guided. The segment has a loop at which a locking recess for the switching element is provided, where the switching element is pre-stressed by a force accumulator i.e. compression spring (63), in a locking position. The locking recess is partially supported in a displaceable and/or pivotable manner, and the switching element is released from the locking position. The recess has two movable parts pre-stressed by a spring in an initial position, rotatable around an axis and movably supported along a linear guide.

Abstract (de)
Rastbeschlag, insbesondere für eine Auszugsführung (1) eines Schubkastens, mit einer Schaltkurve (20), in der ein Schaltelement (10) geführt ist, wobei die Schaltkurve (20) mindestens eine Schlaufe aufweist, an der eine Rastmulde (26) für das durch einen Kraftspeicher (63) in einer Rastposition vorgespannte Schaltelement (10) vorgesehen ist, wobei die Rastmulde (26) mindestens teilweise verschiebbar und/oder verschwenkbar ist und das Schaltelement (10) aus der verrasteten Position freigegeben werden kann.

IPC 8 full level
A47B 88/04 (2006.01)

CPC (source: EP)
A47B 88/463 (2016.12); **E05C 19/022** (2013.01); **E05B 65/46** (2013.01)

Citation (applicant)
EP 0743032 A2 19961120 - HETTICH PAUL GMBH & CO [DE]

Citation (search report)
• [X] DE 112006002890 T5 20081113 - ACCURIDE INT INC [US]
• [X] US 2009079205 A1 20090326 - NISHIDA RYUHEI [JP]
• [X] WO 2008047537 A1 20080424 - SUGATSUNE KOGYO [JP], et al
• [X] US 7374261 B1 20080520 - WANG CHUN-PING [TW]

Cited by
DE102011002212A1; US9295329B2; JP2014516649A; CN111148453A; US2015097473A1; JP2015521924A; EP3260014A1; CN110801975A; DE202020100792U1; EP2532272A1; CN106901524A; US8807671B2; WO2019057527A1; WO2014008522A1; US9215929B2; US9532648B2; DE102012112675A1; WO2013104522A1; US9277815B2; DE102021110323A1; US9375083B2; DE102018105116A1; WO2019170619A1; WO2022157295A1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
DE 202009005256 U1 20101125; EP 2272400 A1 20110112; EP 2272400 B1 20190220; ES 2727330 T3 20191015; PL 2272400 T3 20190830

DOCDB simple family (application)
DE 202009005256 U 20090909; EP 10166988 A 20100623; ES 10166988 T 20100623; PL 10166988 T 20100623