

Title (en)
RETRACTION DEVICE FOR A DRAWER PULLOUT

Title (de)
EINZUGSVORRICHTUNG FÜR EINEN SCHUBLADENAUSZUG

Title (fr)
DISPOSITIF DE RETRACTION POUR UN TIROIR

Publication
EP 3518707 B1 20210623 (DE)

Application
EP 17768136 A 20170918

Priority
• EP 16191873 A 20160930
• EP 2017073469 W 20170918

Abstract (en)
[origin: CA3033031A1] A retraction device (10) for a drawer mechanism comprises a spring-loaded carriage (40) that can be moved in the push-in/pull-out direction for temporary coupling to an inner rail (4) of the drawer mechanism. The carriage (40) can be blocked in a retraction position by means of a locking slide (21, 22) that can be moved transverse to the push-in/pull-out direction in a guide. For coupling to the inner rail (4), the carriage (40) has at least one pivot element (45, 46), which can be pivoted about an axis oriented perpendicular to the push-in/pull-out direction and perpendicular to the direction of movement of the locking slide (21, 22). The pivot element (45, 46) and guide are arranged in such a manner that, in a locking position, the locking slide (21, 22) blocks a pivoting movement of the pivot element (45, 46). This results in simple construction and thus low costs and high mechanical stability.

IPC 8 full level
A47B 88/467 (2017.01); **E05B 65/463** (2017.01)

CPC (source: EP KR US)
A47B 88/467 (2016.12 - EP KR US); **A47B 88/473** (2016.12 - US); **A47B 88/483** (2016.12 - US); **E05B 65/463** (2013.01 - EP KR 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

DOCDB simple family (publication)
EP 3300628 A1 20180404; AU 2017333723 A1 20190221; AU 2017333723 B2 20221222; CA 3033031 A1 20180405;
CN 109788848 A 20190521; CN 109788848 B 20210319; DK 3518707 T3 20210927; EP 3518707 A1 20190807; EP 3518707 B1 20210623;
ES 2890848 T3 20220124; JP 2019532719 A 20191114; JP 7162588 B2 20221028; KR 102415852 B1 20220630; KR 20190065332 A 20190611;
PL 3518707 T3 20211213; PT 3518707 T 20210924; SG 11201901200Q A 20190328; TW 201813552 A 20180416; TW I719253 B 20210221;
US 10638838 B2 20200505; US 2019239645 A1 20190808; WO 2018059987 A1 20180405

DOCDB simple family (application)
EP 16191873 A 20160930; AU 2017333723 A 20170918; CA 3033031 A 20170918; CN 201780058367 A 20170918; DK 17768136 T 20170918;
EP 17768136 A 20170918; EP 2017073469 W 20170918; ES 17768136 T 20170918; JP 2019516623 A 20170918; KR 20197012370 A 20170918;
PL 17768136 T 20170918; PT 17768136 T 20170918; SG 11201901200Q A 20170918; TW 106130987 A 20170911;
US 201716331650 A 20170918