

Title (en)

AUTOMATIC RETRACTION AND DAMPING DEVICE

Title (de)

SELBSTEINZUGS- UND DÄMPFUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE RENTRÉE AUTOMATIQUE ET D'AMORTISSEMENT

Publication

**EP 2488718 A1 20120822 (DE)**

Application

**EP 10771689 A 20101007**

Priority

- DE 202009013347 U 20091014
- EP 2010065000 W 20101007

Abstract (en)

[origin: WO2011045226A1] The invention relates to an automatic retraction and damping device (5) for movable furniture (2), comprising a driver (30) that can be coupled to a movable furniture part (2), a damper (18, 35) by means of which a movement of the driver (30) is braked in at least one direction, a spring element (17), by means of which a movement of the driver (30) from a first position to a second position is accelerated, wherein the damper (18, 35), the driver (30), and the spring element (17) are coupled to each other by means of a four-element linkage (13) bringing about a linear guiding of the driver (30).

IPC 8 full level

**E05F 5/02** (2006.01); **E05F 1/16** (2006.01)

CPC (source: EP KR)

**E05D 15/0626** (2013.01 - KR); **E05D 15/10** (2013.01 - KR); **E05F 1/16** (2013.01 - EP KR); **E05F 5/003** (2013.01 - KR); **E05F 5/027** (2013.01 - EP); **E05F 5/08** (2013.01 - KR); **E06B 3/4663** (2013.01 - KR); **E05Y 2201/212** (2013.01 - KR); **E05Y 2201/264** (2013.01 - KR); **E05Y 2201/488** (2013.01 - EP KR); **E05Y 2900/20** (2013.01 - EP KR)

Citation (search report)

See references of WO 2011045226A1

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)

**DE 202009013347 U1 20110217**; BR 112012008547 A2 20160405; CN 102549227 A 20120704; CN 102549227 B 20150819; EP 2488718 A1 20120822; EP 2488718 B1 20161207; JP 2013507550 A 20130304; JP 5845512 B2 20160120; KR 101743428 B1 20170605; KR 20120091182 A 20120817; PL 2488718 T3 20170630; RU 2012119080 A 20131120; RU 2526775 C2 20140827; WO 2011045226 A1 20110421

DOCDB simple family (application)

**DE 202009013347 U 20091014**; BR 112012008547 A 20101007; CN 201080045566 A 20101007; EP 10771689 A 20101007; EP 2010065000 W 20101007; JP 2012533577 A 20101007; KR 20127011569 A 20101007; PL 10771689 T 20101007; RU 2012119080 A 20101007