

Title (en)
Damping device for displaceable furniture parts

Title (de)
Dämpfvorrichtung für bewegbare Möbelteile

Title (fr)
Dispositif amortisseur pour éléments de meubles

Publication
EP 2017421 A1 20090121 (DE)

Application
EP 08018790 A 20060307

Priority
• EP 06004556 A 20060307
• AT 5542005 A 20050401

Abstract (en)
The device (1) has a cylinder (3) arranged in a housing (2), and a piston comprising a piston rod (5) and supported in the cylinder in a movable manner, where the cylinder is filled with fluid e.g. oil. An adjusting device is supported at the housing and provided for moving a stop (7) for the piston rod relative to the housing. The stop is formed through a worm gear (14), and an operating unit in the form of a worm gear transmission is provided for an axial displacement of the worm gear.

Abstract (de)
Dämpfvorrichtung (1) für bewegbare Möbelteile mit einem Gehäuse (2) und einem im Gehäuse (2) angeordneten Zylinder (3), in dem ein Kolben (4) mit einer Kolbenstange (5) verschiebbar gelagert ist, wobei am Gehäuse (2) mindestens eine Verstelleinrichtung (18, 19) gelagert ist, über die ein Anschlag (7) für die Kolbenstange (5) relativ zum Gehäuse (2) verstellbar ist.

IPC 8 full level
E05F 5/00 (2006.01); **F16F 9/56** (2006.01)

CPC (source: EP US)
E05F 5/02 (2013.01 - EP US); **E05F 5/10** (2013.01 - EP US); **E05Y 2201/21** (2013.01 - EP US); **E05Y 2201/256** (2013.01 - EP US); **E05Y 2201/264** (2013.01 - EP US); **E05Y 2201/638** (2013.01 - EP US); **E05Y 2600/12** (2013.01 - EP US); **E05Y 2600/312** (2013.01 - EP US); **E05Y 2800/268** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

Citation (search report)
• [X] DE 20111455 U1 20011115 - BLUM GMBH JULIUS [AT]
• [E] DE 102006007702 A1 20070823 - HETTICH HETAL WERKE [DE]
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• [A] AT 5429 U1 20020725 - BLUM GMBH JULIUS [AT]

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WO2011083408A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
US 2006220284 A1 20061005; US 7971691 B2 20110705; AT 502943 A1 20070615; AT 502943 B1 20110715; AT E498755 T1 20110315; AT E528474 T1 20111015; CN 101435478 A 20090520; CN 101435478 B 20120905; CN 1840931 A 20061004; CN 1840931 B 20101006; CN 1840931 B9 20211109; DE 202006019428 U1 20070315; DE 502006008930 D1 20110331; EP 1707723 A2 20061004; EP 1707723 A3 20080528; EP 1707723 A8 20070228; EP 1707723 B1 20111012; EP 2017421 A1 20090121; EP 2017421 B1 20110216; ES 2361268 T3 20110615; ES 2375205 T3 20120227; JP 2006283973 A 20061019; JP 2009092247 A 20090430; JP 4969128 B2 20120704; JP 4969559 B2 20120704; SI 1707723 T1 20120229; SI 2017421 T1 20110630

DOCDB simple family (application)
US 37409806 A 20060314; AT 06004556 T 20060307; AT 08018790 T 20060307; AT 5542005 A 20050401; CN 200610071035 A 20060331; CN 200810178839 A 20060331; DE 202006019428 U 20060307; DE 502006008930 T 20060307; EP 06004556 A 20060307; EP 08018790 A 20060307; ES 06004556 T 20060307; ES 08018790 T 20060307; JP 2006089898 A 20060329; JP 2008300682 A 20081126; SI 200631001 T 20060307; SI 200631236 T 20060307