

Title (en)

Dampening device for mobile pieces of furniture

Title (de)

Dämpfereinrichtung für bewegbare Möbelteile

Title (fr)

Dispositif d'amortissement pour éléments de meuble mobiles

Publication

EP 2299041 A3 20130821 (DE)

Application

EP 10176609 A 20100914

Priority

- DE 102009044018 A 20090916
- DE 202009013715 U 20091111

Abstract (en)

[origin: EP2299041A2] The device (1) has a housing (2) provided with a piston passage opening (14) with an edge of opening (15). The passage opening is connected to a cross-sectional area of a piston (6). The edge of opening forms a front end stopper (16) limiting an axial displacement of a cylinder (5). The cylinder is provided with a radially protruding section (8). A stopper element is arranged at an end (18) of a recess (4) turned away to the stopper and limits the displacement of the cylinder by a positive contact with the protruding section. A capsule-shaped attachment section is made of metal and plastic. The stopper element is selected from a molding, a locking element such as fixing bolt, and a locking plate.

IPC 8 full level

E05F 5/00 (2006.01); **E05F 5/02** (2006.01)

CPC (source: EP)

E05F 5/003 (2013.01); **E05F 5/02** (2013.01); **E05Y 2201/212** (2013.01); **E05Y 2201/696** (2013.01); **E05Y 2600/10** (2013.01); **E05Y 2600/12** (2013.01); **E05Y 2600/20** (2013.01); **E05Y 2600/31** (2013.01); **E05Y 2600/312** (2013.01); **E05Y 2600/622** (2013.01); **E05Y 2600/63** (2013.01); **E05Y 2800/00** (2013.01); **E05Y 2900/20** (2013.01)

Citation (search report)

- [A] JP S556315 U 19800116
- [A] DE 20200798 U1 20020404 - BLUM GMBH JULIUS [AT]
- [A] US 2005217072 A1 20051006 - LIN JUNG-HUI [TW]
- [A] DE 3729597 A1 19890316 - LIEDGENS KARL [DE]
- [A] EP 1555371 A1 20050720 - WIDEE HOLDING GMBH LICENSE & D [LU]

Cited by

DE102016002110A1; JP2015515564A; EP2511463A1; US10111524B2

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 202009013715 U1 20100512; DE 102009044018 A1 20110324; EP 2299041 A2 20110323; EP 2299041 A3 20130821

DOCDB simple family (application)

DE 202009013715 U 20091111; DE 102009044018 A 20090916; EP 10176609 A 20100914