

Title (en)
DAMPER FOR FURNITURE

Title (de)
DÄMPFER FÜR MÖBEL

Title (fr)
AMORTISSEUR POUR MEUBLES

Publication
EP 2425079 B1 20130403 (DE)

Application
EP 10714626 A 20100416

Priority
• EP 2010055035 W 20100416
• DE 202009004751 U 20090428

Abstract (en)
[origin: WO2010124946A1] The invention relates to a damper (1) for furniture, especially hinges, comprising a housing (2) in which a piston (8) is connected to a piston rod (3) and can be displaced. A fluid flows through at least one flow channel (11) on or in the piston (8) during a movement of the piston (8) inside the housing (2). A connecting element (4) having a seat (5) for coupling a drive element thereto is provided on the piston rod (3) on the end section projecting from the housing (2). The seat (5) has a cut-out section (18) on the face of the of the piston rod (3) accommodated therein, said cut-out section allowing the direct mechanical contact of a face (17) of the piston rod (3) and a drive element accommodated in the seat (5) so that there is a direct flux of force in the axial direction from the drive element accommodated in the seat towards the piston rod (3) when pressure is applied.

IPC 8 full level
E05F 5/10 (2006.01)

CPC (source: EP KR US)
E05F 5/02 (2013.01 - KR); **E05F 5/10** (2013.01 - EP KR US); **E05Y 2900/20** (2013.01 - EP US)

Designated contracting state (EPC)
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

DOCDB simple family (publication)
DE 202009004751 U1 20100909; CN 102482906 A 20120530; CN 102482906 B 20140702; EP 2425079 A1 20120307; EP 2425079 B1 20130403; ES 2416455 T3 20130801; JP 2012525550 A 20121022; JP 5444576 B2 20140319; KR 101666780 B1 20161017; KR 20120013414 A 20120214; PL 2425079 T3 20130830; PT 2425079 E 20130513; US 2012096679 A1 20120426; US 9359801 B2 20160607; WO 2010124946 A1 20101104

DOCDB simple family (application)
DE 202009004751 U 20090428; CN 201080019136 A 20100416; EP 10714626 A 20100416; EP 2010055035 W 20100416; ES 10714626 T 20100416; JP 2012507672 A 20100416; KR 20117028402 A 20100416; PL 10714626 T 20100416; PT 10714626 T 20100416; US 201013266970 A 20100416