

Title (en)
HINGE DAMPER

Title (de)
SCHARNIERDÄMPFER

Title (fr)
AMORTISSEUR DE CHARNIÈRE

Publication
EP 2171193 A1 20100407 (EN)

Application
EP 07793141 A 20070612

Priority
KR 2007002793 W 20070612

Abstract (en)
[origin: WO2008153225A1] A disclosed is a hinge damper attached to a hinge of furniture equipped with a door to absorb a strong impact even if the damper has a small size. The hinge damper absorb a strong impact even if the damper has a small size by forming first and second seals inside an oil seal of a conventional hinge damper to prevent air from being introduced and forming a cross-type rib on a piston. The hinge damper damps a strong impact even in a small size. The hinge damper is formed such that any influence is not exerted on the size of a hinge. The hinge damper has a size corresponding to the size of a screw fixing the hinge, so that the hinge damper is not exposed to an exterior.

IPC 8 full level
E05D 7/00 (2006.01); **E05D 3/06** (2006.01); **E05F 5/02** (2006.01)

CPC (source: EP)
E05F 5/006 (2013.01); **E05F 5/08** (2013.01); **E05F 5/10** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/212** (2013.01); **E05Y 2201/256** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/20** (2013.01)

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008153225 A1 20081218; EP 2171193 A1 20100407; EP 2171193 A4 20130626

DOCDB simple family (application)
KR 2007002793 W 20070612; EP 07793141 A 20070612