

Title (en)

SNAP HINGE WITH DAMPER AND FIXING PLATE FOR SNAP HINGE

Title (de)

SCHNAPPSCHARNIER MIT DÄMPFER UND FIXIERUNGSPLATTE FÜR SCHNAPPSCHARNIER

Title (fr)

CHARNIERE A DECLIC AVEC AMORTISSEUR ET PLAQUE DE FIXATION POUR CHARNIERE A DECLIC

Publication

**EP 2278104 A1 20110126 (EN)**

Application

**EP 10170140 A 20100720**

Priority

IT MI20091300 A 20090722

Abstract (en)

A snap-action hinge (1) for opening and closing furniture doors comprises a hinge cup (3) operatively articulated to a hinge arm (4) through an upper connecting rod (11) and a lower connecting rod (12), a base plate (7) designed to be fixed to the shoulder of a piece of furniture as well as a damping device (2) designed to be actuated during a last section of the closing movement of the hinge (1) to slow down the mutual approach movement between the cup (3) and the hinge arm (4). Advantageously, said damping device (2) is fastened to the fixing plate (7) so as to be integral with it.

IPC 8 full level

**E05F 5/00** (2006.01)

CPC (source: EP)

**E05F 5/006** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2900/20** (2013.01)

Citation (applicant)

US 2004205935 A1 20041021 - LAUTENSCHLAEGER GERHARD WILHEL [DE], et al

Citation (search report)

- [XYI] WO 2008077520 A1 20080703 - LAUTENSCHLAEGER MEPLA WERKE [DE], et al
- [XAI] EP 1555372 A1 20050720 - LIN MING-JENG [TW]
- [Y] WO 2008025591 A1 20080306 - HETTICH ONI GMBH & CO KG [DE], et al
- [A] WO 2009021799 A1 20090219 - HETTICH ONI GMBH & CO KG [DE], et al

Cited by

CN108252604A; CN102852419A; US8601644B1; US2014210327A1; US11486180B2; WO2020009671A1

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)

**EP 2278104 A1 20110126; EP 2278104 B1 20170503**; IT 1394862 B1 20120720; IT MI20091300 A1 20110123

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