

Title (en)

Hinge device, domestic appliance with a door and method for retrofitting a damper

Title (de)

Scharniervorrichtung, Haushaltsgerät mit einer Tür und Verfahren zum Nachrüsten eines Dämpfers

Title (fr)

Dispositif de charnière, appareil ménager doté d'une porte et procédé de rééquipement d'un amortisseur

Publication

EP 2362050 A3 20140416 (DE)

Application

EP 11153037 A 20110202

Priority

DE 102010002098 A 20100218

Abstract (en)

[origin: EP2362050A2] The hinge device has a hinge housing, a rotatably supported blade (6) and a hinge bearing, in which the hinge housing is arranged. A damper for damping a closing movement of the door (2) is fastened in a tool-free manner at the hinge housing or the hinge bearing. The hinge housing is arranged in a tool-free assembling and disassembling manner in the hinge bearing. The damper is fastened outward at the hinge housing or at the hinge bearing. The damper has a spring-fastened snap-in element. Independent claims are also included for the following: (1) a household appliance with a holding unit; and (2) a method for retrofitting a damper for an operational hinge device of a door of a household appliance.

IPC 8 full level

E05F 1/12 (2006.01); **E05F 5/00** (2006.01); **E05F 5/10** (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP)

E05F 1/1276 (2013.01); **E05F 5/00** (2013.01); **E05F 5/10** (2013.01); **F24C 15/023** (2013.01); **E05Y 2201/488** (2013.01); **E05Y 2201/626** (2013.01); **E05Y 2600/53** (2013.01); **E05Y 2800/22** (2013.01); **E05Y 2900/308** (2013.01)

Citation (search report)

- [XDY] EP 1847670 A2 20071024 - NUOVA STAR SPA [IT]
- [Y] EP 1199433 A2 20020424 - BLUM GMBH JULIUS [AT]

Cited by

CN112311946A; CN113397403A; CN102709216A; IT202100016274A1; ITPD20130340A1; EP2664737A3; EP2687786A2; US9964312B2; WO2015086470A1; WO2022268521A1

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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