

Title (en)

Assembly of a door hinge of an oven of a household appliance with dampened closing

Title (de)

Anordnung eines Türscharniers eines Ofens von einem Haushaltsgerät mit gedämpftem Schließen

Title (fr)

Assemblage d'une charnière de porte d'un four d'un appareil ménager avec fermeture amortie

Publication

EP 2687786 A3 20161019 (EN)

Application

EP 13003483 A 20130710

Priority

SI 201200234 A 20120713

Abstract (en)

[origin: EP2687786A2] An assembly (100) of a door hinge (50) of an oven of a household appliance with dampened closing of the oven from an ajar position to a final closed position of the door consists of a door hinge arranged in the door of the oven, a support housing (60) of the oven arranged on the inner side of the external wall of the housing of the oven, and a damper (70), wherein an oblong recess (6) is formed on lateral parts of the housing, inside of which recess there is a freely movable limiting bolt (18) that is fixedly arranged on a two-leg connecting member (9) in the area of the beak-shaped holder (4). The longer leg of the beak-shaped holder (4) is provided with a longitudinal through guide hole (15), in which an abutting bolt (17) is arranged. When the door of the oven is in an ajar position, the abutting bolt (17) abuts on the damper (70) coaxially arranged on the support housing.

IPC 8 full level

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

CPC (source: EP)

E05F 1/1276 (2013.01); **E05F 5/10** (2013.01); **F24C 15/023** (2013.01); **E05Y 2900/308** (2013.01)

Citation (search report)

- [YD] SI 22096 A 20070228 - ZMAZEK FRANC [SI]
- [Y] EP 2218989 A2 20100818 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] DE 102008035926 A1 20100218 - SUSPA HOLDING GMBH [DE]

Cited by

US10501976B2; IT202100023870A1; US2019169904A1; US10597924B2; CN105986724A; US10641027B2; US10041685B2; US11788332B2

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

DOCDB simple family (publication)

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DOCDB simple family (application)

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