

Title (en)

Hinge for the door of a domestic appliance, door with such a hinge and domestic appliance with such a hinge and method for actuating a door handle of a door

Title (de)

Scharnier für eine Tür eines Hausgeräts, Tür mit einem derartigen Scharnier sowie Hausgerät mit einem entsprechenden Scharnier als auch Verfahren zum Betätigen eines Türgriffs einer Tür

Title (fr)

Articulation pour une porte d'un appareil ménager, porte avec une telle articulation et appareil ménager doté d'une articulation correspondante ainsi qu'un procédé d'actionnement d'une poignée de porte

Publication

EP 2540940 A3 20171227 (DE)

Application

EP 12172961 A 20120621

Priority

DE 102011078535 A 20110701

Abstract (en)

[origin: EP2540940A2] The hinge (5) comprises a hinge body (18), which corresponds to an associated pivotable hinge blade (20). A transmission element is rotatably mounted on the hinge body, which is connected to an actuating sensor (24). The actuating sensor depends on the relative movement of the hinge blade and hinge body. The hinged blade has a guide (30), in which the actuating sensor is arranged to carry out the movement of the actuating sensor relative to the hinge blade. The actuating sensor is dependent on the movement of a door-side functional unit. An independent claim is included for a method for operating a door handle.

IPC 8 full level

E05D 3/02 (2006.01); **E05F 1/12** (2006.01); **E05D 3/18** (2006.01); **E05F 5/00** (2017.01)

CPC (source: EP)

E05D 3/022 (2013.01); **E05F 1/1276** (2013.01); **E05D 3/18** (2013.01); **E05F 5/00** (2013.01); **E05Y 2201/68** (2013.01); **E05Y 2600/45** (2013.01); **E05Y 2900/308** (2013.01)

Citation (search report)

- [XAY] WO 2007088141 A1 20070809 - ZANOVELLO S R L [IT], et al
- [XAY] GB 2235723 A 19910313 - CMI CERNIERE MECC IND [IT]
- [YA] WO 03072897 A1 20030904 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [YA] DE 102007041909 A1 20090305 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [AD] DE 19923994 A1 20001130 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

EP2740871B1

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)

EP 12172961 A 20120621; DE 102011078535 A 20110701; ES 12172961 T 20120621; PL 12172961 T 20120621; TR 201904474 T 20120621