

Title (en)

Hinge with movable axis of rotation in particular for the panel-finished doors of built-in dish washing machines

Title (de)

Scharnier mit beweglicher Rotationsachse, insbesondere für mit einem Paneel fertiggearbeiteten Türen von eingebauten Geschirrspülmaschinen

Title (fr)

Charnière avec axe de rotation mobile, en particulier pour portes avec panneau de finition pour lave-vaisselle encastrés

Publication

EP 0744521 A1 19961127 (EN)

Application

EP 96201360 A 19960521

Priority

IT MI950343 U 19950523

Abstract (en)

Hinge with a movable axis of rotation, in particular for the panel-lined doors of built-in dish washing machines, comprising a fixed plate (1) attached to the dish washer and an arm (9) attached to the door thereof and rotating about a movable pin (7) attached to the free end (5b) of a first lever (5), the other end (5a) of which is hinged on a fixed pin (3) attached to the plate (1), there also being provided a second lever (6), the opposite ends of which are hinged, respectively, on a pin (8) attached to the arm (9) and on a fixed pin (4) attached to the plate (1), said combination being designed to make the pin (7) and hence the arm (9) carrying the dish-washer door follow a curved trajectory. <IMAGE>

IPC 1-7

E05D 3/06; **A47L 15/42**; **F24C 15/02**

IPC 8 full level

A47L 15/42 (2006.01); **E05D 3/06** (2006.01); **E05D 3/18** (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP)

A47L 15/4261 (2013.01); **E05D 3/14** (2013.01); **F24C 15/023** (2013.01); **E05Y 2900/304** (2013.01); **E05Y 2900/308** (2013.01); **E05Y 2900/312** (2013.01)

Citation (search report)

- [XAY] EP 0437815 A1 19910724 - V ZUG AG [CH]
- [YA] FR 2556580 A3 19850621 - INDESIT [IT]
- [X] EP 0565809 A1 19931020 - NUOVA STAR SRL [IT]
- [X] FR 2057278 A5 19710521 - MARTIN ARTHUR USINE FOND

Cited by

EP3476405A1; US6539581B1; CN111255320A; DE202004004341U1; GB2359983A; GB2359983B; EP0989273A1; IT201700123436A1; WO03039322A1; WO2013080092A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 0744521 A1 19961127; **EP 0744521 B1 20010328**; DE 69612233 D1 20010503; DE 69612233 T2 20011011; IT 236891 Y1 20000831; IT MI950343 U1 19961123; IT MI950343 V0 19950523

DOCDB simple family (application)

EP 96201360 A 19960521; DE 69612233 T 19960521; IT MI950343 U 19950523