

Title (en)

Household electrical appliance with a hinge provided with a passage for electric cables or tubes

Title (de)

Elektrisches Haushaltsgerät mit ein Scharnier mit einer Durchführung für elektrische Kabel oder Rohre

Title (fr)

Appareil électroménager avec une charnière pourvue d'un passage pour des câbles électriques ou de tubes

Publication

**EP 1191289 A2 20020327 (EN)**

Application

**EP 01121913 A 20010912**

Priority

IT MI20000540 U 20000926

Abstract (en)

A hinge for connecting a fixed structure or casing (3) of a household electrical appliance (9) to a movable part (5) of this latter, such as a refrigerator door, a dishwasher door or the like, said movable part supporting a user device such as an electrical member or a drink dispenser, said hinge comprising a body (1) provided with a base (2) to be fixed to one chosen from said structure (3) and said movable part (5), said body (1) being provided with a seat (7) for a hinge pin (6) associated with the other of said structure (3) and said movable part (5). The hinge body (1) is provided with an internal cavity (10) and comprises on one side (13) an elongate aperture (11) opening into said cavity (10), this latter communicating with a through hole (14) provided in the hinge base (2), there passing through said hole (4) and said aperture (11) at least one electric cable or pipe (17) connected to said user device. <IMAGE>

IPC 1-7

**F25D 23/02**; E05D 11/00; A47L 15/42

IPC 8 full level

**A47L 15/42** (2006.01); **E05D 5/06** (2006.01); **E05D 11/00** (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP)

**A47L 15/4261** (2013.01); **A47L 15/4274** (2013.01); **E05D 5/065** (2013.01); **E05D 11/0081** (2013.01); **F25D 23/028** (2013.01); **E05Y 2800/10** (2013.01); **E05Y 2900/20** (2013.01); **E05Y 2900/31** (2013.01); **F25D 2323/024** (2013.01); **F25D 2400/40** (2013.01)

Cited by

WO2008151747A1; US10302349B2; CN111150327A; CN114777398A; EP2058612A1; FR2923586A1; EP4361089A3; EP3379180A1; DE202007008106U1; GB2401170A; GB2401170B; EP2522769A1; US10619911B2; EP2743435A1; US11576542B2; US9759476B2; US8366220B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 1191289 A2 20020327**; **EP 1191289 A3 20021106**; **EP 1191289 B1 20090617**; BR 0104268 A 20020507; BR 0104268 B1 20090505; DE 60138989 D1 20090730; IT 250456 Y1 20030910; IT MI20000540 U1 20020326; IT MI20000540 V0 20000926

DOCDB simple family (application)

**EP 01121913 A 20010912**; BR 0104268 A 20010925; DE 60138989 T 20010912; IT MI20000540 U 20000926