

Title (en)
HOUSEHOLD DEVICE

Title (de)
HAUSHALTSGERÄT

Title (fr)
APPAREIL MENAGER

Publication
EP 1481198 B1 20160203 (DE)

Application
EP 03742937 A 20030214

Priority
• DE 10208490 A 20020227
• EP 0301503 W 20030214

Abstract (en)
[origin: WO03073004A1] Known household devices comprise useful storage volume (3) which can be closed by a door (5) which is pivotably mounted around a horizontal articulated axis (65) and a storage compartment (61). In the storage compartment (61), the door (5) can be displaced by means of a guiding system (58) comprising at least one guiding element (59) associated with the door (5), said guiding element being guided in a slide track (63) associated with the household device. In order to produce an ergonomically economical opening and closing movement of the door, the door (5) is provided with at least one counterweight arrangement (94) which, during displacement of the door (5), exerts a compensating force on the door (5) acting against the weight of the door (5).

IPC 8 full level
F24C 15/02 (2006.01); **E05D 15/58** (2006.01); **E05F 1/10** (2006.01); **E05F 1/12** (2006.01)

CPC (source: EP US)
E05D 15/582 (2013.01 - EP US); **E05F 1/1075** (2013.01 - EP US); **E05F 1/1276** (2013.01 - EP US); **F24C 15/023** (2013.01 - EP US); **F24C 15/026** (2013.01 - EP US); **E05Y 2900/308** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03073004 A1 20030904; BR 0308029 A 20041228; DE 10208490 A1 20040205; EP 1481198 A1 20041201; EP 1481198 B1 20160203; ES 2562683 T3 20160307; US 2005023945 A1 20050203; US 7252082 B2 20070807

DOCDB simple family (application)
EP 0301503 W 20030214; BR 0308029 A 20030214; DE 10208490 A 20020227; EP 03742937 A 20030214; ES 03742937 T 20030214; US 92821304 A 20040827