

Title (en)

A home appliance door connection

Title (de)

Haushaltsgerätetürverbindung

Title (fr)

Connexion de porte pour appareil ménager

Publication

EP 2634336 A2 20130904 (EN)

Application

EP 13154701 A 20130208

Priority

TR 201202249 A 20120228

Abstract (en)

A home appliance of the present invention comprises a door being able to close a chamber of the home appliance; a lower panel (A), which comprises a channel (K), and a back wall (K1) extending upwards from a side of the channel (K) away from the door; and a spring (Y) which is placed in the channel (K), which comprises a hook (Y1), whose end having the hook (Y1) is engaged to said back wall (K1), whose other end is connected with the door; a groove (1) which is located in the back wall (K1) through which the hook (Y1) is passed; a hole (2) through which a hook end (Y2) is passed by moving away the channel after the hook (Y1) is passed through the groove (1); a side wall (K2) which extends from the back side of the back wall (K1) along the back wall (K1); a support element (3) whose edges are positioned at the back wall (K1) and the side wall (K2); a horizontal support rib (4) at the back side of the back wall (K1); a vertical support rib (5) which extends at the back side of the back wall to the outside being parallel to the side wall in both sides of the hole (2).

IPC 8 full level

E05D 5/00 (2006.01); **E05D 9/00** (2006.01); **E05F 1/12** (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP)

E05F 1/1276 (2013.01); **E05D 5/00** (2013.01); **E05D 9/005** (2013.01); **E05Y 2900/304** (2013.01)

Citation (applicant)

- EP 1431671 B1 20060913 - NUOVA STAR SPA [IT]
- EP 1602883 A2 20051207 - NUOVA STAR SPA [IT]
- WO 2007088141 A1 20070809 - ZANOVELLO S R L [IT], et al

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)

EP 2634336 A2 20130904; EP 2634336 A3 20140924; EP 2634336 B1 20151014

DOCDB simple family (application)

EP 13154701 A 20130208