

Title (en)

Retaining device for a door of a washing machine

Title (de)

Rückhaltevorrichtung für Waschmaschinentüren

Title (fr)

Dispositif de retenue pour une porte d'une machine à laver

Publication

EP 2463434 A1 20120613 (EN)

Application

EP 10193986 A 20101207

Priority

EP 10193986 A 20101207

Abstract (en)

A retaining device for a door of a domestic appliance comprises a support structure (12) adapted to be secured to the door (G), a hook member (20) projecting at least partially outside this structure (12) and mounted rotatably around an axis (18) between a locking position and an unlocking position and adapted to cooperate with a door locking device provided in the appliance, a spring element (28) adapted to urge the hook member (20) towards its locking position and a handle (26) mounted rotatably on the support structure (12) and adapted to move the hook member (20) towards its unlocking position. The spring element (28) presents at least a first elastic portion (28a,28b) interposed between the support structure (12) and the hook member (20) and at least a second elastic portion (28d,28e) interposed between the support structure (12) and the handle (26).

IPC 8 full level

D06F 37/28 (2006.01); **A47L 15/42** (2006.01); **D06F 39/14** (2006.01)

CPC (source: EP US)

D06F 39/14 (2013.01 - EP US); **A47L 15/4259** (2013.01 - EP); **D06F 37/42** (2013.01 - EP US)

Citation (search report)

- [X] DE 3809998 C2 19940414 - BOSCH SIEMENS HAUSGERAETE [DE]
- [X] DE 19504796 A1 19960822 - YMOS AG IND PRODUKTE [DE]
- [X] US 2004177656 A1 20040916 - KWON IK KUN [KR]

Cited by

EP2740835A1; CN103866534A; WO2015185091A1

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 2463434 A1 20120613; **EP 2463434 B1 20130529**; ES 2417005 T3 20130805; PL 2463434 T3 20130830

DOCDB simple family (application)

EP 10193986 A 20101207; ES 10193986 T 20101207; PL 10193986 T 20101207