

Title (en)
A device for locking the closure door of a washing machine

Title (de)
Vorrichtung zur Verriegelung der Tür einer Waschmaschine

Title (fr)
Dispositif pour le verrouillage d'une porte de lave-linge

Publication
EP 1418266 B1 20070912 (EN)

Application
EP 03000923 A 20030116

Priority
IT MI20022369 A 20021108

Abstract (en)
[origin: EP1418266A2] A device (10) for locking the closure door of a washing-machine comprises a fastening portion (2) equipped with an opening (3) for receiving a hook (5) provided on said door and a salient frame (4) of rectangular shape. The fastening portion (2) comprises two grooves (11, 12) formed on two opposite sides of the frame (4), between the frame and the body (2), for engaging the opposite edges of a hole (14) in the front panel (6) of the washing-machine, and two pins (7, 7) elastically protruding from said body (2) for engaging corresponding holes (17) drilled in said panel. Elastic means (13) are further provided for compensating the clearance between said grooves and the edges of the hole (14) on the panel (6).

IPC 8 full level
D06F 39/14 (2006.01); **A47L 15/42** (2006.01); **D06F 37/42** (2006.01); **E05B 9/08** (2006.01)

CPC (source: EP US)
D06F 37/42 (2013.01 - EP US)

Cited by
DE102017218190B3; WO2010101533A1; WO2019072564A1; WO2006122842A1; ITTO20090099A1; CN111394957A; CN112522926A; CN111194367A; DE102005023439A1; ITTO20090098A1; EP1936018A1; DE102017202678B3; DE102019007428B3; CN112709492A; EP1681386A1; US2011023560A1; US8448482B2; EP1674606A1; ITTO20120606A1; FR2986028A1; WO2010092529A1; WO2014161784A1; WO2014011509A1; WO2014161787A1; US10815691B2; WO2010092528A1

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

Designated extension state (EPC)
AL LT LV MK RO

DOCDB simple family (publication)
EP 1418266 A2 20040512; EP 1418266 A3 20060628; EP 1418266 B1 20070912; AT E373132 T1 20070915; DE 60316237 D1 20071025; DE 60316237 T2 20080619; ES 2292862 T3 20080316; HK 1065830 A1 20050304; IT MI20022369 A1 20040509; PT 1418266 E 20071204; SI 1418266 T1 20080229

DOCDB simple family (application)
EP 03000923 A 20030116; AT 03000923 T 20030116; DE 60316237 T 20030116; ES 03000923 T 20030116; HK 04108473 A 20041023; IT MI20022369 A 20021108; PT 03000923 T 20030116; SI 200331027 T 20030116