

Title (en)

LOCKING ASSEMBLY FOR LOCKING A DOOR OF A DOMESTIC APPLIANCE AND DOMESTIC APPLIANCE

Title (de)

VERRIEGELUNGSANORDNUNG ZUM VERRIEGELN EINER TÜR EINES HAUSHALTSGERÄTS SOWIE HAUSHALTSGERÄT

Title (fr)

AGENCEMENT DE VERROUILLAGE D'UNE PORTE D'UN APPAREIL MÉNAGER AINSI QU'APPAREIL MÉNAGER

Publication

EP 2497854 B1 20190109 (DE)

Application

EP 12155701 A 20120216

Priority

- DE 102011005318 A 20110309
- DE 102011007538 A 20110415

Abstract (en)

[origin: EP2497854A1] - The locking assembly comprises a locking element (2) that is arranged between an open position and a locked position, and is moved by engaging with a retaining element (3) which is provided on a main structure (18) or on a door (19). Clamping force is exerted by an energy accumulator (5) arranged on the locking element, for moving from the open position into the locked position. The locking element is moved by a drive unit (4) from the locked position into the open position, against closing force. An independent claim is included for household appliance.

IPC 8 full level

D06F 37/42 (2006.01); **A47L 15/42** (2006.01); **D06F 39/14** (2006.01); **D06F 34/20** (2020.01)

CPC (source: EP US)

A47L 15/4259 (2013.01 - EP); **D06F 37/42** (2013.01 - EP US); **D06F 39/14** (2013.01 - EP US); **D06F 34/20** (2020.02 - EP US)

Citation (examination)

- US 4951693 A 19900828 - ARCHAMBAULT JEAN [CA]
- WO 2006111502 A1 20061026 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al

Cited by

US10907397B1; EP2742844A1; US11332970B2; WO2014184018A1; WO2013010819A1

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

DOCDB simple family (publication)

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