

Title (en)
DOMESTIC APPLIANCE HAVING A LOCKING DEVICE

Title (de)
HAUSHALTSGERÄT MIT EINER VERSCHLUSSEINRICHTUNG

Title (fr)
APPAREIL MÉNAGER COMPORTANT UN MOYEN DE FERMETURE

Publication
EP 3080370 B1 20200513 (DE)

Application
EP 14805570 A 20141127

Priority
• DE 102013225347 A 20131210
• EP 2014075803 W 20141127

Abstract (en)
[origin: WO2015086333A1] The invention relates to a domestic appliance (100) comprising a door (101). Said domestic appliance (100) comprises a locking device (103) with at least one permanent magnet (105-1, 105-2) for exerting a retaining force to hold the door (101) closed and a coil (107) for generating at least one counter magnetic field for neutralizing the maintaining force.

IPC 8 full level
E05C 19/16 (2006.01); **D06F 34/20** (2020.01); **D06F 39/14** (2006.01); **E05B 65/00** (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP RU US)
D06F 34/20 (2020.02 - EP RU US); **D06F 37/42** (2013.01 - EP RU US); **D06F 39/14** (2013.01 - EP RU US); **E05C 19/16** (2013.01 - EP RU US); **E05C 19/166** (2013.01 - EP RU); **D06F 2103/40** (2020.02 - EP RU US); **D06F 2105/44** (2020.02 - EP RU US); **E05B 65/0042** (2013.01 - EP); **F24C 15/022** (2013.01 - EP)

Citation (examination)
US 2006145485 A1 20060706 - HAPKE KENYON A [US]

Cited by
CN111254660A

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)
DE 102013225347 A1 20150611; CN 105814270 A 20160727; CN 105814270 B 20180529; EP 3080370 A1 20161019; EP 3080370 B1 20200513; RU 2650067 C2 20180406; WO 2015086333 A1 20150618

DOCDB simple family (application)
DE 102013225347 A 20131210; CN 201480067114 A 20141127; EP 14805570 A 20141127; EP 2014075803 W 20141127; RU 2016124267 A 20141127