

Title (en)

HOUSEHOLD APPLIANCE COMPRISING A DOOR OPENING AID

Title (de)

HAUSHALTSGERÄT MIT EINER TÜRÖFFNUNGSHILFE

Title (fr)

APPAREIL MÉNAGER ÉQUIPÉ D'UN AUXILIAIRE D'OUVERTURE DE PORTE

Publication

EP 3111147 A1 20170104 (DE)

Application

EP 15705529 A 20150205

Priority

- DE 102014203683 A 20140228
- EP 2015052377 W 20150205

Abstract (en)

[origin: WO2015128165A1] Disclosed is a household appliance (100) comprising an interior compartment (105), a door (101) for closing the interior compartment (105), and a driving mechanism (103) for assisting with opening the door (101). The household appliance (100) further comprises a pressure sensing device (107) for sensing a difference between an interior pressure inside the interior compartment (105) and an ambient pressure outside the interior compartment (105), and the driving device (103) is designed to apply a driving force (K) to the door (101) in accordance with the difference between said pressures.

IPC 8 full level

F25D 23/02 (2006.01); **F25D 17/04** (2006.01)

CPC (source: EP US)

F25D 17/047 (2013.01 - EP US); **F25D 23/028** (2013.01 - EP US); **F25D 29/005** (2013.01 - US); **D06F 34/20** (2020.02 - EP); **D06F 39/14** (2013.01 - EP); **F24C 15/2071** (2013.01 - EP); **F25D 2700/02** (2013.01 - US)

Citation (search report)

See references of WO 2015128165A1

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)

DE 102014203683 A1 20150903; CN 106030227 A 20161012; CN 106030227 B 20181211; EP 3111147 A1 20170104; EP 3111147 B1 20210407; US 2016363364 A1 20161215; US 9726421 B2 20170808; WO 2015128165 A1 20150903

DOCDB simple family (application)

DE 102014203683 A 20140228; CN 201580010379 A 20150205; EP 15705529 A 20150205; EP 2015052377 W 20150205; US 201515122212 A 20150205