

Title (en)

DEVICE FOR CLOSING AND OPENING DOORS, IN PARTICULAR OF ELECTRICAL HOUSEHOLD APPLIANCES, SUCH AS DRYERS, WASHING MACHINES OR THE LIKE

Title (de)

VORRICHTUNG ZUM SCHLIESSEN UND ÖFFNEN VON TÜREN, INSBESONDERE VON ELEKTRISCHEN HAUSHALTSGERÄTEN, WIE TROCKNERN, WASCHMASCHINEN ODER DERGLEICHEN

Title (fr)

DISPOSITIF DE FERMETURE ET D'OUVERTURE DE PORTES, NOTAMMENT D'APPAREILS ÉLECTROMÉNAGERS TELS QUE DES SÈCHE-LINGE, DES LAVE-LINGE ET SIMILAIRES

Publication

EP 3645781 A1 20200506 (EN)

Application

EP 18749129 A 20180627

Priority

- IT 201700072424 A 20170628
- IB 2018054735 W 20180627

Abstract (en)

[origin: WO2019003125A1] A device (100) for closing and opening doors and/or hatches and/or similar components, in particular of electrical household appliances such as washing machines, dishwashers and the like, said device (100) comprising a main unit comprising a closing and opening element (10) adapted to be engaged and disengaged alternatively by a latch or catch (11) adapted to be rigidly fixed to said door, wherein said closing and opening element (10) can be switched by rotation between a first, opening, position and a second, closing, position, wherein the mutual engagement by thrust and traction, respectively, of said catch (11) and said closing and opening element (10) results first in a first switching by rotation and translation of said closing and opening element (10) respectively from said first opening position to said second closing position and from said second closing position to said first opening position.

IPC 8 full level

D06F 39/14 (2006.01); **A47L 15/42** (2006.01); **E05C 19/06** (2006.01)

CPC (source: EP US)

A47L 15/4259 (2013.01 - EP); **D06F 39/14** (2013.01 - EP US); **E05C 5/00** (2013.01 - EP); **E05C 19/024** (2013.01 - EP); **E05B 2015/0493** (2013.01 - EP)

Citation (search report)

See references of WO 2019003125A1

Cited by

CN113622164A; US11788340B2

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)

WO 2019003125 A1 20190103; EP 3645781 A1 20200506; EP 3645781 B1 20230816; IT 201700072424 A1 20181228; PL 3645781 T3 20240219

DOCDB simple family (application)

IB 2018054735 W 20180627; EP 18749129 A 20180627; IT 201700072424 A 20170628; PL 18749129 T 20180627