

Title (en)

DOMESTIC APPLIANCE HAVING A PROJECTION DEVICE, AND METHOD FOR THE OPERATION THEREOF

Title (de)

HAUSHALTSGERÄT MIT PROJEKTIONSVORRICHTUNG UND VERFAHREN ZU SEINEM BETRIEB

Title (fr)

APPAREIL ÉLECTROMÉNAGER DOTÉ D'UN DISPOSITIF DE PROJECTION ET PROCÉDÉ POUR LE FAIRE FONCTIONNER

Publication

**EP 3538702 B1 20210106 (DE)**

Application

**EP 17787920 A 20171024**

Priority

- DE 102016222256 A 20161114
- EP 2017077125 W 20171024

Abstract (en)

[origin: WO2018086872A1] The invention relates to a domestic appliance (1) having a housing (2), having a treatment chamber (3) for articles which are to be treated, having a control unit (4) and having a door unit (5) for opening and closing the treatment chamber (3), wherein the door unit (5) has a central element (6) and a peripheral element (7), and the peripheral element (7) is arranged at least in a lower half of the door unit (5) and is arranged in front of the central element (6) such that the central element (6) and peripheral element (7) form an angle  $\alpha$  ranging from 10° to 85°, and having a projection device (8), wherein the peripheral element (7) contains a projection surface (9) and the control unit (4) is designed so that information relating to a treatment program which can be carried out in the domestic appliance (1), or is being carried out therein, is presented in the form of an optical display (12), by means of the projection device (8), on the projection surface (9). The invention also relates to a method for operating said domestic appliance.

IPC 8 full level

**D06F 34/28** (2020.01); **D06F 34/32** (2020.01); **D06F 39/14** (2006.01); **D06F 34/20** (2020.01)

CPC (source: EP US)

**D06F 34/32** (2020.02 - EP US); **D06F 34/20** (2020.02 - EP US); **D06F 39/14** (2013.01 - EP US); **D06F 2103/40** (2020.02 - EP US);  
**D06F 2105/44** (2020.02 - EP US); **D06F 2105/58** (2020.02 - EP US)

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)

**WO 2018086872 A1 20180517**; CN 109963975 A 20190702; CN 109963975 B 20210409; DE 102016222256 A1 20180517;  
EP 3538702 A1 20190918; EP 3538702 B1 20210106; PL 3538702 T3 20210712

DOCDB simple family (application)

**EP 2017077125 W 20171024**; CN 201780070016 A 20171024; DE 102016222256 A 20161114; EP 17787920 A 20171024;  
PL 17787920 T 20171024