

Title (en)

Hand grip of domestic appliances, e.g. of an oven or of a refrigerator

Title (de)

Handgriff eines Haushaltsgerätes, z. B. eines Herds oder eines Kühlschranks

Title (fr)

Poignée de préhension d'appareil domestiques, par exemple d'un four ou d'un réfrigérateur

Publication

EP 2189727 A1 20100526 (EN)

Application

EP 09176599 A 20091120

Priority

IT BS20080214 A 20081121

Abstract (en)

A hand grip (8) of a domestic appliance comprises a LED light source, two fastening elements (10,12) and a grip portion (14) having a window (16) and a cover (18) fitted in the window (16), transparent to the light rays emitted by the light source. The light source is housed in one of said fastening elements (10,12) so as to project the rays towards the cover and the cover, for example in Plexiglas, is suitable for creating an optical guide for the diffusion of the light rays. Furthermore, the domestic appliance has means of detection connected to the hand grip to command, in a controlled way, its switch-on, e.g., following the detection of gas. Furthermore, the hand grip window is turned towards the surface of the door of the domestic appliance or downwards, so as not to have direct light towards the user.

IPC 8 full level

F24C 15/02 (2006.01)

CPC (source: EP)

F24C 15/024 (2013.01)

Citation (search report)

- [X] EP 1974650 A2 20081001 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [XA] DE 102004062752 A1 20060706 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [X] WO 0223106 A1 20020321 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [PX] WO 2009023413 A2 20090219 - ELECTROLUX HOME PROD INC [US], et al

Cited by

EP3045847A1; DE102010003103B4; DE102016209631A1; CN104729732A; EP2894406A3; EP3034948A1; DE102011076698A1; US9672721B2; US10677474B2; WO2016096550A1; WO2018086961A1; US9161675B2; US9607489B2; US8976158B2; US9709283B2; US8556439B2; US11340853B2; EP3040625A1; DE102015200416A1; WO2014160908A3

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2189727 A1 20100526; IT 1391727 B1 20120127; IT BS20080214 A1 20100522

DOCDB simple family (application)

EP 09176599 A 20091120; IT BS20080214 A 20081121