

Title (en)

DEVICE AND METHOD FOR SUPPORTING THE ENERGY-SAVING OPERATION OF A FLOOR CARE DEVICE AND FLOOR CARE DEVICE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM UNTERSTÜTZEN EINES ENERGIESPARENDEN BETRIEBS EINES BODENPFLEGEGERÄTS UND BODENPFLEGEGERÄT

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ASSISTANCE D'UN FONCTIONNEMENT D'ÉCONOMIE D'ÉNERGIE D'UN APPAREIL DE NETTOYAGE DE SOL ET APPAREIL DE NETTOYAGE DE SOL

Publication

EP 3269284 B2 20220302 (DE)

Application

EP 17178283 A 20170628

Priority

DE 102016112640 A 20160711

IPC 8 full level

A47L 9/02 (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP)

A47L 9/02 (2013.01); **A47L 9/2805** (2013.01)

Citation (opposition)

Opponent :

- DE 102012105278 A1 20131219 - OSRAM GMBH [DE], et al
- EP 2700345 A2 20140226 - MIELE & CIE [DE]
- KR 100585706 B1 20060607 - LG ELECTRONICS INC [KR]
- KR 20150019294 A 20150225
- US 4418342 A 19831129 - ASCHOFF HANS-JOACHIM [DE], et al
- US 5056175 A 19911015 - STEIN KLAUS [DE], et al
- GB 184780 A 19230719 - HENRY VERNON
- JP 2003272815 A 20030926 - MITSUBISHI ELECTRIC CORP, et al
- EP 1489364 A1 20041222 - ELECTROLUX HOME PRODUCTS N V [BE]
- DE 102010003103 A1 20110922 - BSH BOSCH SIEMENS HAUSGERÄTE [DE]
- KR 20070043403 A 20070425 - LG ELECTRONICS INC [KR]
- US 2016316982 A1 20161103 - KIM KIHYUNG [KR], et al
- US 2012311812 A1 20121213 - PARK DAEHWAN [KR]

Cited by

GB2589315A; GB2589315B; CN114727739A; WO2021099757A1

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)

EP 3269284 A1 20180117; **EP 3269284 B1 20190807**; **EP 3269284 B2 20220302**; DE 102016112640 A1 20180111

DOCDB simple family (application)

EP 17178283 A 20170628; DE 102016112640 A 20160711