

Title (en)
Domestic appliance

Title (de)
Hausgerätevorrichtung

Title (fr)
Dispositif d'appareil ménager

Publication
EP 2679913 A3 20141015 (DE)

Application
EP 13172378 A 20130618

Priority
ES 201231000 A 20120628

Abstract (en)
[origin: EP2679913A2] The device (10a) has a ventilator unit (30a) partially surrounded by a cooling body unit (20a). The cooling body unit is provided with two cooling bodies (22a, 24a). The ventilator unit is provided with a radial ventilator. The ventilator unit and the cooling body unit form cooling channels of different lengths. The ventilator unit and the cooling body unit are arranged in a radial symmetrical manner. The cooling body unit is directly connected with power components (46a) e.g. rectifier bridges and IGBTs. Channel units (50a, 52a) guide fluid emerging from the cooling body unit.

IPC 8 full level
F24C 15/10 (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP)
F24C 15/101 (2013.01); **H05B 6/1263** (2013.01)

Citation (search report)

- [X] WO 2011154373 A1 20111215 - ARCELIK AS [TR], et al
- [X] EP 0561219 A1 19930922 - EGO ELEKTRO BLANC & FISCHER [DE]
- [X] EP 1445544 A1 20040811 - ELECTROLUX HOME PROD CORP [BE]
- [X] EP 1936283 A2 20080625 - LG ELECTRONICS INC [KR]
- [E] ES 2447690 A1 20140312 - BSH ELECTRODOMESTICOS ESPANA [ES]
- [X] EP 2292979 A1 20110309 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
EP4096354A1; DE102018219743A1; ES2606718A1; EP3334248A1; ES2648673A1; EP3879930A1; EP4096361A1; EP3962239A1; WO2018108539A1

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)
EP 2679913 A2 20140101; EP 2679913 A3 20141015; EP 2679913 B1 20190807; ES 2748043 T3 20200312

DOCDB simple family (application)
EP 13172378 A 20130618; ES 13172378 T 20130618