

Title (en)

VACUUM CLEANER SIDE BRUSH AND FLOOR CLEANING APPLIANCE COMPRISING A VACUUM CLEANER SIDE BRUSH

Title (de)

STAUBSAUGERSEITENBÜRSTE UND BODENPFLEGEGERÄT MIT EINER STAUBSAUGERSEITENBÜRSTE

Title (fr)

BROSSE LATÉRALE D'ASPIRATEUR, APPAREIL D'ENTRETIEN DE SOL DOTÉ D'UNE BROSSE LATÉRALE D'ASPIRATEUR

Publication

EP 3023045 B1 20190320 (DE)

Application

EP 15192350 A 20151030

Priority

DE 102014116989 A 20141120

Abstract (en)

[origin: US2016143496A1] A side brush for a vacuum cleaner includes a brush core and at least ten bristle clusters regularly distributed over a circumferential surface of the brush core.

IPC 8 full level

A47L 9/04 (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP US)

A47L 9/04 (2013.01 - US); **A47L 9/0472** (2013.01 - EP US); **A47L 11/4038** (2013.01 - EP US); **A47L 11/4069** (2013.01 - US);
A46B 7/10 (2013.01 - US); **A47L 2201/00** (2013.01 - EP US)

Cited by

CN109419459A; US11589670B2; US11963609B2

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 3023045 A1 20160525; EP 3023045 B1 20190320; DE 102014116989 A1 20160525; TR 201904481 T4 20190422;
US 2016143496 A1 20160526; US 9770150 B2 20170926

DOCDB simple family (application)

EP 15192350 A 20151030; DE 102014116989 A 20141120; TR 201904481 T 20151030; US 201514938935 A 20151112