

Title (en)
VACUUM CLEANER

Title (de)
STAUBSAUGER

Title (fr)
ASPIRATEUR

Publication
EP 3424394 A1 20190109 (EN)

Application
EP 17760279 A 20170227

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- KR 20160024022 A 20160229
- KR 20160062452 A 20160520
- KR 20160108676 A 20160825
- KR 20160184117 A 20161230
- KR 20170001590 A 20170104
- KR 2017002168 W 20170227

Abstract (en)
A vacuum cleaner includes a cleaner body, a suction hose mounted at a front surface of the cleaner body to suck in dust, moving wheels provided at both sides of the cleaner body, rotating to move the cleaner body and rotatably supporting the cleaner body, wheel motors connected to the moving wheels and rotating the moving wheels, a detecting part provided in the cleaner body and sensing inclination of the cleaner body to determine whether the cleaner moves and stops, a plurality of detecting members provided at a front surface of the cleaner body and located at both sides of the suction hose to detect an obstacle, and a controller for controlling the wheel motors according to detected signals of the detecting part and the obstacle detecting members.

IPC 8 full level
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CPC (source: EP RU US)
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Cited by
CN114617487A; CN110419983A; CN110801968A; CN113455962A; CN115243592A; US11737630B2

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

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BA ME

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EP 3424394 A1 20190109; **EP 3424394 A4 20191127**; **EP 3424394 B1 20210623**; AU 2017226697 A1 20180823; AU 2017226697 B2 20191031; AU 2020200551 A1 20200213; AU 2020200551 B2 20210408; CN 108697290 A 20181023; CN 108697290 B 20201225; EP 3895590 A1 20211020; EP 3895590 B1 20231206; JP 2019505336 A 20190228; JP 6700408 B2 20200527; RU 2698851 C1 20190830

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