

Title (en)

Autonomous cleaning apparatus and method of controlling the same

Title (de)

Reinigungsroboter und Steuerverfahren dafür

Title (fr)

Appareil de nettoyage autonome et son procédé de commande

Publication

EP 2570067 A1 20130320 (EN)

Application

EP 12180883 A 20120817

Priority

- US 201161530019 P 20110901
- KR 20110100467 A 20111004

Abstract (en)

An autonomous cleaning apparatus including a body, a brush unit which is rotatably installed onto the body to collect dust from a bottom of the body, and a brush cleaning member including a first brush cleaning protrusion and a second brush cleaning protrusion that protrude toward the brush unit to make contact with the brush unit to remove foreign substances wound around the brush unit.

IPC 8 full level

A47L 9/10 (2006.01); **A47L 9/04** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP US)

A47L 9/0411 (2013.01 - EP US); **A47L 2201/028** (2013.01 - EP US)

Citation (search report)

- [X] US 2003204923 A1 20031106 - NAKAMURA KAZUO [JP]
- [XP] EP 2443978 A2 20120425 - SAMSUNG ELECTRONICS CO LTD [KR]

Cited by

GB2568012B; GB2583158A; GB2583158B; US11672393B2; US11707171B2; EP3662804A4; US11247245B2; US11633764B2; US11234568B2; US11925303B2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 12180883 A 20120817; CN 201210319703 A 20120831; JP 2012189711 A 20120830; US 201213599376 A 20120830