

Title (en)

Robot cleaner and method of controlling traveling thereof

Title (de)

Reinigungsroboter und Verfahren zu seiner Wegesteuerung

Title (fr)

Robot de nettoyage et méthode de contrôle de course

Publication

**EP 2260750 A3 20140423 (EN)**

Application

**EP 10164200 A 20100528**

Priority

- US 18652909 P 20090612
- KR 20090079131 A 20090826

Abstract (en)

[origin: EP2260750A2] Robot cleaner (1) that has an improved traveling performance, and method of controlling traveling thereof: the robot cleaner (1) allows driving wheels (21,22), which move the robot cleaner (1), and a brush unit (31), which sweeps dust on a floor, to be rotated in the same direction.

IPC 8 full level

**A46B 9/00** (2006.01); **A47L 7/02** (2006.01); **A47L 9/04** (2006.01)

CPC (source: EP US)

**A47L 7/02** (2013.01 - EP US); **A47L 9/0411** (2013.01 - EP US); **A47L 2201/00** (2013.01 - EP US); **A47L 2201/04** (2013.01 - EP US); **A47L 2201/06** (2013.01 - EP US)

Citation (search report)

- [YA] US 2005166354 A1 20050804 - UEHIGASHI NAOYA [JP]
- [Y] EP 1352603 A1 20031015 - ROYAL APPLIANCE MFG [US]

Cited by

KR20130025309A; EP3932279A1; US11278174B2; WO2022262987A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2260750 A2 20101215**; **EP 2260750 A3 20140423**; CN 101923350 A 20101222; CN 101923350 B 20150916; US 2010313910 A1 20101216

DOCDB simple family (application)

**EP 10164200 A 20100528**; CN 201010202445 A 20100609; US 81387110 A 20100611