

Title (en)
CLEANING ROBOT

Title (de)
REINIGUNGSROBOTER

Title (fr)
ROBOT DE NETTOYAGE

Publication
EP 2762050 A4 20150909 (EN)

Application
EP 12837316 A 20120830

Priority

- JP 2011214458 A 20110929
- JP 2011214461 A 20110929
- JP 2012071945 W 20120830

Abstract (en)

[origin: EP2762050A1] A cleaning robot that comprises: a main case (2) having a suction port (6) opened in the lower surface thereof and an exhaust port (7) opened in the upper surface thereof, that is self-propelled on a floor surface (F); an electric fan (22) arranged inside the main case (2); a dust collection unit (30) arranged in the center of the main case (2), in a planar view, that collects dust in airflow sucked in from the suction port (6) by the driving force of the electric fan (22); and a battery (14) that supplies power to each section. The electric fan (22) is arranged on one side relative to the dust collection unit (30) and the battery (14) is arranged on the other side.

IPC 8 full level
A47L 9/28 (2006.01); **A47L 9/00** (2006.01)

CPC (source: EP KR US)
A47L 5/22 (2013.01 - EP US); **A47L 9/00** (2013.01 - KR); **A47L 9/009** (2013.01 - EP US); **A47L 9/04** (2013.01 - KR); **A47L 9/28** (2013.01 - KR); **A47L 2201/00** (2013.01 - EP US)

Citation (search report)

- [X] EP 1849391 A2 20071031 - SAMSUNG ELECTRONICS CO LTD [KR]
- [XA] US 2006032013 A1 20060216 - KIM YOUNG-GIE [KR]
- See also references of WO 2013047073A1

Cited by
EP4154779A3

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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