

Title (en)
AUTONOMOUS CLEANER

Title (de)
REINIGUNGSROBOTER

Title (fr)
APPAREIL DE NETTOYAGE AUTONOME

Publication
EP 3082538 B1 20180221 (EN)

Application
EP 13819032 A 20131220

Priority
EP 2013077657 W 20131220

Abstract (en)
[origin: WO2015090437A1] The present invention relates to an autonomous cleaner (10) comprising: a cleaner body (11) in which a cavity (90) is defined; and a dust container (25) removably fitted in the cavity (90), said dust container (25) comprising an air and debris inlet (27), an air outlet (28) for admitting an air flow through the dust container (25), said dust container (25) comprises a dust compartment for the debris, wherein the ratio between the dust compartment (32) volume and the cleaner body (11) volume is within the range 0.1 to 0.2.

IPC 8 full level
A47L 9/14 (2006.01)

CPC (source: EP KR US)
A47L 9/04 (2013.01 - KR); **A47L 9/1409** (2013.01 - EP KR US); **A47L 9/1683** (2013.01 - KR); **A47L 9/2884** (2013.01 - KR);
A47L 11/24 (2013.01 - US); **A47L 11/4011** (2013.01 - US); **A47L 11/4013** (2013.01 - US); **A47L 11/4041** (2013.01 - US);
A47L 2201/00 (2013.01 - EP US); **A47L 2201/04** (2013.01 - US)

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)
WO 2015090437 A1 20150625; CN 105813527 A 20160727; EP 3082538 A1 20161026; EP 3082538 B1 20180221; EP 3357393 A2 20180808;
EP 3357393 A3 20181212; EP 3357393 B1 20210929; ES 2669595 T3 20180528; JP 2016540549 A 20161228; JP 6714923 B2 20200701;
KR 102116597 B1 20200605; KR 20160100980 A 20160824; US 2016302637 A1 20161020

DOCDB simple family (application)
EP 2013077657 W 20131220; CN 201380081537 A 20131220; EP 13819032 A 20131220; EP 18157403 A 20131220; ES 13819032 T 20131220;
JP 2016526947 A 20131220; KR 20167016792 A 20131220; US 201315102017 A 20131220