

Title (en)  
ROBOTIC CLEANER

Title (de)  
ROBOTISCHER REINIGER

Title (fr)  
ROBOT NETTOYEUR

Publication  
**EP 3750464 A1 20201216 (EN)**

Application  
**EP 20179577 A 20200611**

Priority  
US 201916438552 A 20190612

Abstract (en)  
An autonomous floor cleaner or floor cleaning robot can include an autonomously moveable housing and a drive system for autonomously moving the autonomously moveable housing over a surface to be cleaned based on inputs from a controller. A brush chamber, a debris receptacle, and a supply tank can be formed as a unitary assembly removable from the autonomously moveable housing.

IPC 8 full level  
**A47L 11/18** (2006.01); **A47L 11/20** (2006.01)

CPC (source: CN EP KR)  
**A47L 11/185** (2013.01 - EP); **A47L 11/201** (2013.01 - EP); **A47L 11/302** (2013.01 - CN); **A47L 11/305** (2013.01 - CN); **A47L 11/40** (2013.01 - CN); **A47L 11/4011** (2013.01 - KR); **A47L 11/4013** (2013.01 - CN KR); **A47L 11/4027** (2013.01 - KR); **A47L 11/4036** (2013.01 - CN); **A47L 11/4038** (2013.01 - CN); **A47L 11/4041** (2013.01 - CN KR); **A47L 11/4044** (2013.01 - KR); **A47L 11/4061** (2013.01 - CN); **A47L 11/4066** (2013.01 - CN); **A47L 11/4072** (2013.01 - CN); **A47L 11/4075** (2013.01 - KR); **A47L 11/4083** (2013.01 - CN KR); **A47L 11/4088** (2013.01 - CN KR); **A47L 11/4094** (2013.01 - KR); **A47L 2201/00** (2013.01 - CN EP); **A47L 2201/04** (2013.01 - CN); **A47L 2201/06** (2013.01 - KR)

Citation (search report)  
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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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3750464 A1 20201216**; AU 2020203847 A1 20210107; CA 3083076 A1 20201212; CN 112075886 A 20201215; JP 2020199263 A 20201217; KR 20200142473 A 20201222

DOCDB simple family (application)  
**EP 20179577 A 20200611**; AU 2020203847 A 20200611; CA 3083076 A 20200610; CN 202010535411 A 20200612; JP 2020099762 A 20200609; KR 20200071246 A 20200612