

Title (en)
AUTOMATICALLY MOVING CLEANING DEVICE

Title (de)
SICH SELBSTTÄTIG FORTBEWEGENDES REINIGUNGSGERÄT

Title (fr)
APPAREIL DE NETTOYAGE SE DÉPLAÇANT AUTOMATIQUEMENT

Publication
EP 3351156 B1 20190710 (DE)

Application
EP 18150535 A 20180108

Priority
DE 102017100301 A 20170109

Abstract (en)
[origin: US2018192834A1] A self-propelled cleaning device has a housing, a fan and a surface cleaning system for cleaning a surface to be cleaned. In order to also be able to clean an above-floor surface, in particular a plateau of a baseboard, the cleaning device also has an above-floor cleaning system for cleaning an above-floor surface vertically offset relative to the surface to be cleaned. The above-floor cleaning system has a flow connection to a suction and/or blower unit having a fan, the flow opening of which has a difference in height of roughly 3 cm or more relative to a standing surface of the cleaning device by comparison to a usual orientation of the cleaning device for a cleaning operation.

IPC 8 full level
A47L 9/00 (2006.01)

CPC (source: CN EP US)
A47L 5/14 (2013.01 - US); **A47L 9/00** (2013.01 - EP US); **A47L 9/08** (2013.01 - US); **A47L 9/2805** (2013.01 - US); **A47L 25/00** (2013.01 - CN); **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)
EP 3351156 A1 20180725; EP 3351156 B1 20190710; CN 108283479 A 20180717; DE 102017100301 A1 20180712; ES 2746858 T3 20200309; JP 2018110858 A 20180719; SG 10201710778W A 20180830; US 10602893 B2 20200331; US 2018192834 A1 20180712

DOCDB simple family (application)
EP 18150535 A 20180108; CN 201810018192 A 20180109; DE 102017100301 A 20170109; ES 18150535 T 20180108; JP 2018000959 A 20180109; SG 10201710778W A 20171226; US 201815864181 A 20180108