

Title (en)

Self-propelled floor cleaning apparatus and method for operating a floor cleaning apparatus

Title (de)

Selbsttätig verfahrbares Bodenreinigungsgerät und Verfahren zum Betreiben eines Bodenreinigungsgerätes

Title (fr)

Appareil de nettoyage du sol à déplacement automatique et procédé de fonctionnement d'un appareil de nettoyage du sol

Publication

EP 2710944 B1 20201216 (DE)

Application

EP 13184490 A 20130916

Priority

DE 102012108802 A 20120919

Abstract (en)

[origin: EP2710944A2] The device (1) has elongated barriers that are provided with a carpet edge (14) in an increasing obstacle surface at a traverse direction. A component configured to detect the obstacle. The obstacle is cleaned in adjacent area and extension of the obstacle is oriented with respect to the barrier surface. The lateral distance in traversing edge of the floor cleaning device to the obstacle surface is lower than the width perpendicular to the direction of travel. An independent claim is included for a method for operating an automatically movable floor-cleaning appliance.

IPC 8 full level

A47L 9/28 (2006.01); **A47L 9/04** (2006.01)

CPC (source: EP US)

A47L 9/0488 (2013.01 - EP US); **A47L 9/2826** (2013.01 - EP US); **A47L 9/2831** (2013.01 - EP US); **A47L 11/24** (2013.01 - US); **A47L 2201/04** (2013.01 - EP US); **A47L 2201/06** (2013.01 - EP US)

Citation (examination)

- US 2012125363 A1 20120524 - KIM DONG WON [KR], et al
- KR 20120055891 A 20120601 - SAMSUNG ELECTRONICS CO LTD [KR]
- EP 2407847 A2 20120118 - VORWERK CO INTERHOLDING [DE]
- DE 102010000174 A1 20110728 - VORWERK CO INTERHOLDING [DE]
- DE 10242257 A1 20030424 - VORWERK CO INTERHOLDING [DE]

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)

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DOCDB simple family (application)

EP 13184490 A 20130916; CN 201310543173 A 20130922; DE 102012108802 A 20120919; ES 13184490 T 20130916; JP 2013193801 A 20130919; US 201314029948 A 20130918