

Title (en)

FLOOR CLEANING MACHINE WITH BAR DEVICE

Title (de)

BODENREINIGUNGSMASCHINE MIT STABEINRICHTUNG

Title (fr)

MACHINE DE NETTOYAGE DE SOL AVEC DISPOSITIF À BARRE

Publication

EP 4186406 B1 20240417 (DE)

Application

EP 23150701 A 20131212

Priority

- EP 23150701 A 20131212
- EP 20200459 A 20131212
- EP 13811154 A 20131212
- EP 2013076445 W 20131212

Abstract (en)

[origin: US2016278597A1] A floor cleaning machine is provided, in particular a hand-guided and/or hand-held floor cleaning machine, including a support device, at least one cleaning roller arranged on the support device, capable of being driven in rotation and provided with a cleaning substrate, a fan device for creating a suction flow, and a suction channel device for the suction flow which provides a suction channel operatively connected for fluid communication between the fan device and the at least one cleaning roller, wherein the suction channel has a mouth towards the at least one cleaning roller that includes a first and a spaced second mouth wall having a mouth opening therebetween, wherein the first mouth wall is positioned above the second mouth wall relative to the direction of gravity, wherein the first and/or second mouth wall are/is in contact against or protrude(s) into the cleaning substrate of the at least one cleaning roller.

IPC 8 full level

A47L 11/34 (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP RU US)

A47L 5/24 (2013.01 - US); **A47L 9/322** (2013.01 - US); **A47L 11/20** (2013.01 - RU); **A47L 11/204** (2013.01 - EP US); **A47L 11/26** (2013.01 - US); **A47L 11/302** (2013.01 - EP); **A47L 11/34** (2013.01 - EP); **A47L 11/4016** (2013.01 - EP US); **A47L 11/4041** (2013.01 - EP US); **A47L 11/4044** (2013.01 - EP US); **A47L 11/4083** (2013.01 - EP 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)

US 2016278597 A1 20160929; US 9999332 B2 20180619; CN 105873489 A 20160817; CN 105873489 B 20180914; CN 108903776 A 20181130; CN 108903776 B 20201204; DE 202013012694 U1 20180720; DE 202013012869 U1 20201217; EP 3079553 A1 20161019; EP 3079553 B1 20210217; EP 3795055 A1 20210324; EP 3795055 B1 20240124; EP 4186406 A1 20230531; EP 4186406 B1 20240417; EP 4186406 C0 20240417; EP 4190219 A1 20230607; EP 4193898 A1 20230614; EP 4193899 A1 20230614; PL 3795055 T3 20240527; RU 2671396 C1 20181030; US 10786130 B2 20200929; US 11457790 B2 20221004; US 11998148 B2 20240604; US 2018263453 A1 20180920; US 2020390310 A1 20201217; US 2022296067 A1 20220922; US 2022354330 A1 20221110; WO 2015086083 A1 20150618

DOCDB simple family (application)

US 201615179458 A 20160610; CN 201380081552 A 20131212; CN 201810768698 A 20131212; DE 202013012694 U 20131212; DE 202013012869 U 20131212; EP 13811154 A 20131212; EP 2013076445 W 20131212; EP 20200459 A 20131212; EP 23150332 A 20131212; EP 23150701 A 20131212; EP 23150816 A 20131212; EP 23150893 A 20131212; PL 20200459 T 20131212; RU 2016127866 A 20131212; US 201815985105 A 20180521; US 202017005043 A 20200827; US 202217749692 A 20220520; US 202217875086 A 20220727