

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 C0 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)

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Participating member state (EPC – UP)

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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

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