

Title (en)

SUCTION BAR DEVICE FOR A FLOOR CLEANING MACHINE, FLOOR CLEANING MACHINE, AND METHOD FOR CLEANING TILE FLOORS

Title (de)

SAUGBALKENVORRICHTUNG FÜR EINE BODENREINIGUNGSMASCHINE, BODENREINIGUNGSMASCHINE UND VERFAHREN ZUR REINIGUNG VON FLIESENBÖDEN

Title (fr)

DISPOSITIF DE RAMPE D'ASPIRATION POUR UNE MACHINE DE NETTOYAGE DE SOL, MACHINE DE NETTOYAGE DE SOL ET PROCÉDÉ POUR LE NETTOYAGE DE SOLS CARRELÉS

Publication

**EP 3188636 B1 20190227 (DE)**

Application

**EP 14766126 A 20140905**

Priority

EP 2014068983 W 20140905

Abstract (en)

[origin: WO2016034251A1] The invention relates to a suction bar device for a floor cleaning machine (10), said suction bar device comprising a support device (64) with at least one first support (66), a second support (68), and a connection region (70) between the first support (66) and the second support (68); a first wiper device (86) arranged on the support device (64); and a second wiper device (88) arranged on the support device (64). A suction chamber (92) is formed between the first wiper device (86) and the second wiper device (88) when placed on a floor (38) to be cleaned. At least one first suction point (124) is arranged on the first support (66) at a distance to the connection region (70), and at least one second suction point (126) is arranged on the second support (68) at a distance to the connection region (70). The first suction point (124) and the second suction point (126) each open into the suction chamber (92), and a connecting line (148) between the first suction point (124) and the second suction point (126) is at a distance to the connection region (70). At least one opening (102) is paired with the second wiper device (88) at the connection region (70), wherein fluid at the connection region (70) can flow into the suction chamber (92) through the opening. The second wiper device (88) lies closer to the connecting line (148) between the first suction point (124) and the second suction point (126) than the first wiper device (86).

IPC 8 full level

**A47L 11/30** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP)

**A47L 11/30** (2013.01); **A47L 11/4044** (2013.01); **A47L 11/4061** (2013.01)

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)

**WO 2016034251 A1 20160310**; EP 3188636 A1 20170712; EP 3188636 B1 20190227

DOCDB simple family (application)

**EP 2014068983 W 20140905**; EP 14766126 A 20140905