

Title (en)
SURFACE-CLEANING MACHINE

Title (de)
FLÄCHEN-REINIGUNGSMASCHINE

Title (fr)
MACHINE DE NETTOYAGE DE SURFACES

Publication
EP 3206547 C0 20231129 (DE)

Application
EP 15771987 A 20151005

Priority
• DE 102014114813 A 20141013
• DE 102014114809 A 20141013
• DE 102014114776 A 20141013
• EP 2015072929 W 20151005

Abstract (en)
[origin: WO2016058856A1] The invention relates to a surface-cleaning machine, which comprises a device body (12), on which a suction unit apparatus (32) is arranged, a cleaning head (202; 202'; 202''), on which at least one cleaning roller (18) is arranged, and a driving apparatus (76) for rotationally driving the at least one cleaning roller (18). Between a first end face (208) and an opposite second end face (210), the cleaning head (202; 202'; 202'') has a first region (212), a second region (214), and a center region (216) lying between the first region (210) and the second region (214). At least one first suction opening (222; 266a, 266b) is positioned at the first region (210) in association with the at least one cleaning roller (18), and at least one second suction opening (224; 268a, 268b) is positioned at the second region (214) in association with the at least one cleaning roller (18). The at least one first suction opening (222; 266a, 266b) and the at least one second suction opening (224; 268a, 268b) are fluidically connected to the suction unit apparatus (32).

IPC 8 full level
A47L 11/202 (2006.01); **A47L 5/30** (2006.01); **A47L 9/04** (2006.01); **A47L 11/40** (2006.01)

CPC (source: CN EP RU US)
A47L 5/30 (2013.01 - EP US); **A47L 9/02** (2013.01 - CN); **A47L 9/0411** (2013.01 - EP US); **A47L 11/20** (2013.01 - RU); **A47L 11/202** (2013.01 - EP US); **A47L 11/28** (2013.01 - CN); **A47L 11/302** (2013.01 - US); **A47L 11/40** (2013.01 - CN); **A47L 11/4008** (2013.01 - US); **A47L 11/4016** (2013.01 - US); **A47L 11/4027** (2013.01 - US); **A47L 11/4041** (2013.01 - EP US); **A47L 11/4044** (2013.01 - US); **A47L 11/4063** (2013.01 - CN); **A47L 11/4069** (2013.01 - US); **A47L 11/4075** (2013.01 - US); **A47L 11/4083** (2013.01 - CN US); **A47L 11/4088** (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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
WO 2016058856 A1 20160421; CN 106793910 A 20170531; CN 106793910 B 20190913; EP 3206547 A1 20170823; EP 3206547 B1 20231129; EP 3206547 C0 20231129; PL 3206547 T3 20240415; RU 2671397 C1 20181030; UA 118498 C2 20190125; US 10349797 B2 20190716; US 2017215679 A1 20170803

DOCDB simple family (application)
EP 2015072929 W 20151005; CN 201580055531 A 20151005; EP 15771987 A 20151005; PL 15771987 T 20151005; RU 2017116613 A 20151005; UA A201704597 A 20151005; US 201715486024 A 20170412