

Title (en)
PORTABLE HARD-SURFACE CLEANING APPLIANCE

Title (de)
TRAGBARES HARTFLÄCHENREINIGUNGSGERÄT

Title (fr)
APPAREIL PORTABLE DE NETTOYAGE DE SURFACES DURES

Publication
EP 3758569 B1 20220406 (DE)

Application
EP 18707363 A 20180226

Priority
EP 2018054673 W 20180226

Abstract (en)
[origin: WO2019161932A1] The invention relates to a portable hard-surface cleaning appliance (10) for removing and vacuuming a liquid from a hard surface, particularly from a window pane, the appliance having a suction nozzle (16), which has a suction opening (22), on which at least one squeegee blade (20) is arranged, an electrical device (106), which has a suction turbine (108), which is flow-connected to the suction nozzle (16), for suctioning a liquid-air mixture from the suction opening (22), an electric motor (110), a control electronics unit (11) and at least one rechargeable battery (114, 116), a separating device (56), which is arranged in the flow path between the suction nozzle (16) and the suction turbine (108), in order to separate liquid from the suctioned liquid-air mixture, and having a liquid tank (18) for receiving the separated liquid. In order to further develop the portable hard-surface cleaning appliance (10) such that the outer design thereof can be optimized without the technical functionality of the hard-surface cleaning appliance (10) being negatively influenced, according to the invention, the hard-surface cleaning appliance (10) has an inner housing arrangement (32) and an outer housing arrangement (3), wherein the inner housing arrangement (32) receives the separating device (56) and the electrical device (106), and the outer housing arrangement (30) surrounds the inner housing arrangement (32).

IPC 8 full level
A47L 1/05 (2006.01); **A47L 7/00** (2006.01); **A47L 9/00** (2006.01)

CPC (source: EP US)
A47L 1/05 (2013.01 - EP US); **A47L 5/24** (2013.01 - US); **A47L 7/0009** (2013.01 - US); **A47L 7/0019** (2013.01 - EP US); **A47L 7/0023** (2013.01 - US); **A47L 7/0042** (2013.01 - EP US); **A47L 9/0626** (2013.01 - US); **A47L 9/2857** (2013.01 - US); **A47L 9/2884** (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

DOCDB simple family (publication)
WO 2019161932 A1 20190829; CN 111601533 A 20200828; EP 3758569 A1 20210106; EP 3758569 B1 20220406; PL 3758569 T3 20220704; US 2020383532 A1 20201210

DOCDB simple family (application)
EP 2018054673 W 20180226; CN 201880086574 A 20180226; EP 18707363 A 20180226; PL 18707363 T 20180226; US 202017002440 A 20200825