

Title (en)
SUCTION NOZZLE AND PORTABLE HARD-SURFACE SUCTION DEVICE

Title (de)
SAUGDÜSE UND TRAGBARES HARTFLÄCHENABSAUGGERÄT

Title (fr)
BUSE D'ASPIRATION ET APPAREIL D'ASPIRATION PORTABLE POUR SURFACES DURES

Publication
EP 3758568 A1 20210106 (DE)

Application
EP 18707365 A 20180226

Priority
EP 2018054675 W 20180226

Abstract (en)
[origin: WO2019161933A1] The invention relates to a suction nozzle (12) for a portable hard-surface suction device (10) for the removal and suction of a liquid from a hard surface, in particular from a window pane, comprising a housing (36), which has a suction opening (46) on a front housing side (44), which suction opening is adjoined by a suction channel (48) which can be connected to a vacuum source, and comprising an elastically deformable withdrawal lip (58) which is interchangeably held on the front housing side (44). In order to develop the suction nozzle (12) further in such a way that the withdrawal lip (58) can be interchanged in a simpler way without the withdrawal lip (58) and the housing (36) having a very high dimensional stability, according to the invention, the suction nozzle (12) has a fixing part (100) which can be moved to and fro relative to the housing (36) between a fixing position and a release position, wherein the withdrawal lip (58) can be fixed to the housing (36) with the aid of the fixing part (100) in the fixing position of the fixing part (100), and can be separated from the housing (36) in the release position of the fixing part (100). The invention further relates to a portable hard-surface suction device (10) having such a suction nozzle (12).

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

CPC (source: EP)
A47L 1/05 (2013.01); **A47L 7/0019** (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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019161933 A1 20190829; CN 111683574 A 20200918; EP 3758568 A1 20210106; EP 3758568 B1 20230823; EP 3758568 C0 20230823; PL 3758568 T3 20240304

DOCDB simple family (application)
EP 2018054675 W 20180226; CN 201880088498 A 20180226; EP 18707365 A 20180226; PL 18707365 T 20180226