

Title (en)
SUCTION NOZZLE FOR A HARD SURFACE CLEANING DEVICE AND HARD SURFACE CLEANING DEVICE HAVING A SUCTION NOZZLE OF THIS TYPE

Title (de)
SAUGDÜSE FÜR EIN HARTFLÄCHENREINIGUNGSGERÄT UND HARTFLÄCHENREINIGUNGSGERÄT MIT EINER DERARTIGEN SAUGDÜSE

Title (fr)
BUSE D'ASPIRATION POUR APPAREIL DE NETTOYAGE DE SURFACE DURE ET APPAREIL DE NETTOYAGE DE SURFACE DURE ÉQUIPÉ D'UNE TELLE BUSE

Publication
EP 3393320 A1 20181031 (DE)

Application
EP 15816786 A 20151221

Priority
EP 2015080887 W 20151221

Abstract (en)
[origin: WO2017108088A1] A suction nozzle (32) is provided for a portable hard surface cleaning device (10) for removing or suctioning fluid off a hard surface, in particular from a window pane, comprising a suction nozzle housing (77) with a first and a second housing half-shell (76, 78), which form a suction channel (80) between them, which suction channel extends from a suction opening (82) to a suction channel end section (30) to which a negative pressure source can be connected to generate a suction flow, an interchangeable wiper lip (92) is arranged on the suction opening (82) and both housing half-shells (76, 78) have at least one respective holding element (110, 114, 120, 122) adjacent to the suction opening (82), and a holding section (98) of the interchangeable wiper lip (92) is arranged between the holding elements (110, 114, 120, 122) of both housing half-shells. In order to further develop the suction nozzle (32) such that it can be reliably held on the suction opening (82), the holding elements (110, 113, 120, 122) form a respective engagement with the holding section (98). A portable hard surface cleaning device (10) having a suction nozzle (32) of this type is also provided.

IPC 8 full level
A47L 1/05 (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP US)
A47L 1/05 (2013.01 - EP US); **A47L 11/4044** (2013.01 - EP US)

Citation (search report)
See references of WO 2017108088A1

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 2017108088 A1 20170629; CN 108430290 A 20180821; CN 108430290 B 20201117; EP 3393320 A1 20181031; EP 3393320 B1 20220126; PL 3393320 T3 20220516; US 2018296044 A1 20181018

DOCDB simple family (application)
EP 2015080887 W 20151221; CN 201580085448 A 20151221; EP 15816786 A 20151221; PL 15816786 T 20151221; US 201816013448 A 20180620