

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

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

Title (fr)
BUSE D'ASPIRATION POUR UN APPAREIL DE NETTOYAGE DE SURFACE DURES ET APPAREIL DE NETTOYAGE DE SURFACES DURES COMPORTANT UNE TELLE BUSE D'ASPIRATION

Publication
EP 3393319 A1 20181031 (DE)

Application
EP 15816185 A 20151221

Priority
EP 2015080888 W 20151221

Abstract (en)
[origin: WO2017108089A1] A suction nozzle (32) is provided for a portable hard surface cleaning device (10) for removing and suctioning up fluid from a hard surface, in particular from a windowpane, comprising a suction nozzle housing (77) with a first and a second housing half-shell (76, 78), and with a suction opening (82) on which at least one flexible wiper lip (92, 94) is arranged and to which a suction channel (80) connects which extends up to a suction channel end section (30), wherein a vacuum source can be connected to the suction channel end section (30) for establishing a suction flow, and wherein an engaging element (136) is arranged on the suction channel end section (30). To further develop the suction nozzle (32) in such a way that it can be produced more cost-effectively, the first housing half-shell (76) has an elastically deformable wall section (139) which forms the engaging element (136).

IPC 8 full level
A47L 1/05 (2006.01); **A47L 7/00** (2006.01); **A47L 9/06** (2006.01); **A47L 9/22** (2006.01)

CPC (source: EP)
A47L 1/05 (2013.01); **A47L 7/0009** (2013.01); **A47L 7/0023** (2013.01); **A47L 7/0042** (2013.01); **A47L 9/0626** (2013.01); **A47L 9/22** (2013.01)

Citation (search report)
See references of WO 2017108089A1

Cited by
US11690488B2; WO2021138179A1

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 2017108089 A1 20170629; CN 108289576 A 20180717; CN 108289576 B 20200811; EP 3393319 A1 20181031; EP 3393319 B1 20200422; PL 3393319 T3 20201019

DOCDB simple family (application)
EP 2015080888 W 20151221; CN 201580084691 A 20151221; EP 15816185 A 20151221; PL 15816185 T 20151221