

Title (en)
Suction nozzle with squeegees

Title (de)
Saugdüse mit Abstreiflippen

Title (fr)
Buse d'aspiration avec raclettes

Publication
EP 2638839 B1 20151118 (DE)

Application
EP 13169575 A 20081218

Priority
• DE 102008004966 A 20080111
• EP 12195323 A 20081218
• EP 08870307 A 20081218

Abstract (en)
[origin: WO2009086893A2] The invention relates to a suction nozzle, in particular for a hard-surface suction device, comprising a suction mouth which is adjoined by a suction channel to which a negative-pressure source can be connected at its end facing away from the suction mouth in order to create a suction flow, wherein the suction channel has a bottom wall and a top wall which are connected to one another via side walls. In order to develop the suction nozzle such that when it is connected to a negative-pressure source an effective suction flow is created in the region of the suction mouth while keeping the energy consumption of the negative-pressure source as low as possible, it is proposed according to the invention that the side walls are curved in the form of an arch. Also proposed is a hard-surface suction device comprising such a suction nozzle.

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

CPC (source: EP)
A47L 1/05 (2013.01); **A47L 7/0009** (2013.01); **A47L 7/0019** (2013.01); **A47L 7/0028** (2013.01); **A47L 9/0626** (2013.01); **A47L 11/30** (2013.01)

Cited by
EP3195780A1; DE202016100286U1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009086893 A2 20090716; WO 2009086893 A3 20090924; DE 102008004966 A1 20090723; DE 202008018112 U1 20110801; DK 2227126 T3 20130218; EP 2227126 A2 20100915; EP 2227126 B1 20121205; EP 2567648 A1 20130313; EP 2567648 B1 20151118; EP 2638838 A1 20130918; EP 2638838 B1 20160323; EP 2638839 A1 20130918; EP 2638839 B1 20151118; ES 2399199 T3 20130326; ES 2559023 T3 20160210; PL 2227126 T3 20130430; PL 2638838 T3 20160930; PL 2638839 T3 20160429; PT 2227126 E 20121226; PT 2638839 E 20160321

DOCDB simple family (application)
EP 2008010805 W 20081218; DE 102008004966 A 20080111; DE 202008018112 U 20080111; DK 08870307 T 20081218; EP 08870307 A 20081218; EP 12195323 A 20081218; EP 13169571 A 20081218; EP 13169575 A 20081218; ES 08870307 T 20081218; ES 13169575 T 20081218; PL 08870307 T 20081218; PL 13169571 T 20081218; PL 13169575 T 20081218; PT 08870307 T 20081218; PT 13169575 T 20081218