

Title (en)  
Hand-operated adjustable vacuum nozzle

Title (de)  
Handgeführte verstellbare Saugdüse

Title (fr)  
Buse d'aspiration manuelle ajustable

Publication  
**EP 1908386 B1 20121128 (DE)**

Application  
**EP 08100583 A 20051031**

Priority  
• EP 05810964 A 20051031  
• DE 102004055125 A 20041116

Abstract (en)  
[origin: EP1908386A2] The nozzle has a tube-like nozzle section (8) with a slit in areas of its free ends to form half tubular nozzle sections (10) that are swiveled relative to one another to change a tube-like joint nozzle to a surface nozzle. Bristles are displaceably arranged in the suction nozzle. The sections (10) are opened up to 180 degrees in a spreading position. Conversion of the section (8) to the sections (10) is formed by a flexible cover.

IPC 8 full level  
**A47L 9/02** (2006.01); **A47L 9/06** (2006.01)

CPC (source: EP)  
**A47L 9/02** (2013.01); **A47L 9/06** (2013.01); **A47L 9/0613** (2013.01); **A47L 9/0673** (2013.01)

Cited by  
EP3749159A4; US11617482B2; US11399675B2; US11998157B2

Designated contracting state (EPC)  
DE IT

DOCDB simple family (publication)  
**EP 1908386 A2 20080409; EP 1908386 A3 20100120; EP 1908386 B1 20121128**; AT E480174 T1 20100915; CN 101060804 A 20071024; CN 101060804 B 20100414; CN 101273862 A 20081001; CN 101273862 B 20120905; DE 102004055125 A1 20060518; DE 502005010244 D1 20101021; EP 1814430 A2 20070808; EP 1814430 B1 20100908; RU 2007122491 A 20081227; RU 2008108842 A 20090920; WO 2006053823 A2 20060526; WO 2006053823 A3 20061102

DOCDB simple family (application)  
**EP 08100583 A 20051031**; AT 05810964 T 20051031; CN 200580039019 A 20051031; CN 200810088641 A 20051031; DE 102004055125 A 20041116; DE 502005010244 T 20051031; EP 05810964 A 20051031; EP 2005055650 W 20051031; RU 2007122491 A 20051031; RU 2008108842 A 20080306