

Title (en)  
Nozzle for floor vacuum cleaner

Title (de)  
Düse für Bodenstaubsauger

Title (fr)  
Buse pour aspirateur de sol

Publication  
**EP 1875846 B1 20100512 (DE)**

Application  
**EP 07004637 A 20070307**

Priority  
DE 102006031486 A 20060707

Abstract (en)  
[origin: EP1875846A2] The nozzle has a suction head (5) movably mounted on a front section of a chassis (1) around a horizontal tilting axis (6) in a tiltable manner. A floor surface is formed by front and rear suction mouth edges (7, 7'), where distance between the horizontal tilting axis and the surface, is larger than 35 millimeter. The suction head is tilted in a contact position towards the front section of the chassis at a maximum fifteen degree with respect to a rest position. The front and rear suction mouth edges lie in a plane in the rest position of a contact point (13) of a roller (3).

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

CPC (source: EP)  
**A47L 9/02** (2013.01); **A47L 9/0666** (2013.01)

Cited by  
JP2015511850A; EP2910168A1; DE102009029806B4; GB2531089A; GB2531089B; CN102631170A; EP4226827A1; EP2449936A1; FR2967042A1; KR20120048512A; EP2433539A1; FR2965164A1; EP2092869A3; DE202010012169U1; US8387206B2; US9968231B2; WO2011007158A1; WO2014117885A1; US10292555B2; US11363932B2; US8387207B2; WO2009128763A1; WO2015039706A1; US8424157B2; US8468647B2; US8544145B2; WO2016087811A1; WO2018142160A1; EP2910168B1; EP2433539B1

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 1875846 A2 20080109; EP 1875846 A3 20080604; EP 1875846 B1 20100512**; CN 101099648 A 20080109; CN 101099648 B 20130501; DE 102006031486 A1 20080110; DE 502007003695 D1 20100624

DOCDB simple family (application)  
**EP 07004637 A 20070307**; CN 200710110132 A 20070618; DE 102006031486 A 20060707; DE 502007003695 T 20070307