

Title (en)  
Suction nozzle for a vacuum cleaner

Title (de)  
Saugdüse für Staubsauger

Title (fr)  
Bas d'aspiration pour aspirateurs

Publication  
**EP 2116165 B1 20120919 (DE)**

Application  
**EP 09005978 A 20090430**

Priority  
DE 102008022995 A 20080509

Abstract (en)  
[origin: EP2116165A2] The nozzle has a suction port (5) reversibly fixed in a functional position to absorb large particles of dirt. The port is inclined in the position, which is referred as a large particle dirt position, to a floor surface such that a front-sided suction port edge (9) has a distance (a) to the surface. The distance is sufficient for sucking the large particles of dirt, and the port and a suction chamber (4) are firmly connected. Supporting rollers are rotatably supported at a support element i.e. runner, and rotation axes of the rollers run parallel to a pivoting axis of the chamber.

IPC 8 full level  
**A47L 9/02** (2006.01); **A47L 9/04** (2006.01); **A47L 9/06** (2006.01)

CPC (source: EP)  
**A47L 9/02** (2013.01); **A47L 9/0411** (2013.01); **A47L 9/0416** (2013.01); **A47L 9/0494** (2013.01); **A47L 9/0666** (2013.01)

Cited by  
CN102987984A; CN102743133A; CN105392406A; CN102631170A; KR101475774B1; US2018199774A1; AU2017394582B2; US11399677B2; US8671514B2; WO2012107734A1; WO2014122219A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
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