

Title (en)  
Floor nozzle for a vacuum cleaner

Title (de)  
Bodendüse für Staubsauger

Title (fr)  
Buse de sol pour aspirateur

Publication  
**EP 2064978 B1 20150325 (DE)**

Application  
**EP 08019790 A 20081113**

Priority  
DE 102007057349 A 20071128

Abstract (en)  
[origin: EP2064978A2] The nozzle (1) has a rotating/pivoting joint (6) provided with connecting pieces (8) for a suction tube. A supporting element i.e. rotatable roller or guide roller, is arranged in the area of the joint. The supporting element receives vertical forces guided via the tube or a vacuum cleaner housing during movement of the nozzle in an operating position. The pieces are aligned perpendicular to a longitudinal direction (X) in another operating position. The supporting element is lifted in relation to a lower side of a suction head (2) and is not utilized for supporting the suction head.

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

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

Cited by  
WO2019170442A1; EP3536209A1; KR20200119882A; RU2761531C1; GB2532961A; GB2532961B; US10292555B2; US11019968B2

Designated contracting state (EPC)  
DE FR GB IT TR

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**EP 2064978 A2 20090603; EP 2064978 A3 20091202; EP 2064978 B1 20150325**; CN 101444406 A 20090603; CN 101444406 B 20130130; DE 102007057349 A1 20090604; DE 102007057349 B4 20120112

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