

Title (en)  
FLOOR NOZZLE FOR A VACUUM CLEANER

Title (de)  
BODENDÜSE FÜR STAUBSAUGER

Title (fr)  
BUSE DE SOL POUR ASPIRATEUR

Publication  
**EP 3042597 B1 20170809 (DE)**

Application  
**EP 15200871 A 20151217**

Priority  
DE 102015100110 A 20150107

Abstract (en)  
[origin: CN105747992A] A floor nozzle for a vacuum cleaner comprises: a nozzle body which is provided with a bearing surface at the bottom thereof and comprises a suction pipe and a suction channel used for discharging suction air flowing into a suction opening; and a support element which comprises a connecting element used for the suction pipe and is connected to the nozzle body so as to move pivotably around a pivot. A component used for fluid connection is arranged between the connecting element and the suction channel. When the floor nozzle moves to pass the floor surface in the form of forward movement and backward movement through the suction pipe connected to the connecting element, compressing force and tension force alternately act on the connecting element. According to the invention, the pivot can move between two operation positions which are spaced along the horizontal direction, wherein, the distance from the pivot to the suction opening when the pivot is in the first operation position is less than the distance from the pivot to the suction opening when the pivot is in the second operation position, the first operation position is result of the compressing force acting on the connecting element, and the second operation position is result of the tension force acting on the connecting element.

IPC 8 full level  
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CPC (source: CN EP)  
**A47L 9/02** (2013.01 - CN EP); **A47L 9/0666** (2013.01 - EP)

Cited by  
EP4226827A1; EP4098165A1; FR3123550A1; DE102022103372A1; WO2022254157A1

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DOCDB simple family (publication)  
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