

Title (en)  
Suction head of vacuum cleaner

Title (de)  
Staubsaugersaugkopf

Title (fr)  
Tête de suction pour aspirateur

Publication  
**EP 1604602 B1 20140122 (EN)**

Application  
**EP 05290287 A 20050209**

Priority  
KR 20040043306 A 20040612

Abstract (en)  
[origin: EP1604602A2] A suction head (5) of a vacuum cleaner, comprises: a housing (10) having a suction port (11) through which dust on a floor is sucked by an operation of a fan motor (2); a brush (13) rotatably installed in the suction port and having a plurality of bristles (12) arranged in a longitudinal direction thereof; a brush driving device (16) for reciprocatingly rotating the brush within a range of a predetermined angle; a first suction duct (50) having an inlet positioned corresponding to a direction of dust movement when the brush rotates in a forward direction; and a second suction duct (60) having an inlet positioned corresponding to a direction of dust movement when the brush rotates in a backward direction. Brushed dust can be properly sucked according to a reciprocating rotation direction of the brush, and thereby a cleaning function of the cleaner can be increased.

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

CPC (source: EP KR US)  
**A47L 9/02** (2013.01 - KR); **A47L 9/0411** (2013.01 - EP US); **A47L 9/0483** (2013.01 - EP US)

Cited by  
EP4162851A1; EP3991623A1; DE102020213579A1; DE102020213579B4; WO2023057391A1

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DE FR GB

DOCDB simple family (publication)  
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