

Title (en)
Suction nozzle for vacuum cleaner

Title (de)
Saugkopf für Bodenstaubsauger

Title (fr)
Buse d'aspiration pour aspirateur

Publication
EP 1920699 A2 20080514 (EN)

Application
EP 08151458 A 20010329

Priority
• EP 01850059 A 20010329
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Abstract (en)
A brush head (10) of a vacuum cleaner can pivot in a horizontal direction as well as a vertical direction with respect to a suction pipe (20), so as to easily clean an area narrower than the width of the brush head (10). The brush head (10) of a vacuum cleaner includes a body (11) which is detachably coupled to a suction pipe (20) and is formed with a suction hole (12) for sucking dust. A hollow cylindrical pivoting part (13) is integrally formed with the body (11) at a rear central portion of the body (11) and is formed with a roller receiving cut (15) along a periphery of the lower surface of the pivoting part (13). A cylindrical pivot supporting member (31) is inserted into the pivoting part (13) to support a horizontal pivoting movement of the pivoting part (13). The pivot supporting member (31) is formed with a communicating space (36) at its peripheral wall which communicates with the suction hole (12) and the suction pipe (20), and is provided with a roller (34) at its rear bottom surface. And, a pair of elastic bands (32a,32b) are mounted to support the connection between the pivoting part (13) and the pivot supporting member (31). One end of each elastic band (32a,32b) is caught on the pivot supporting member (31) and the other end of each elastic band (32a,32b) is caught on the body (11). The elastic bands (32a,32b) are disposed symmetrically on both sides of the body (11).

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

Citation (applicant)
US 4537424 A 19850827 - MAIER SIEGFRIED [DE], et al

Designated contracting state (EPC)
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