

Title (en)

VACUUM CLEANER WITH A DUST-BAG CHAMBER CLOSED BY MEANS OF A COVER

Publication

EP 0044501 B1 19840118 (DE)

Application

EP 81105469 A 19810713

Priority

DE 3027913 A 19800723

Abstract (en)

[origin: EP0044501A1] 1. A vacuum cleaner having a dust chamber (3) which can be closed by a cover (4) and in which there is arranged a filter bag (2) provided with a reinforcing plate (6) and which can be secured to a pivotally arranged support element (9) which, when no filter bag (2) is inserted, is pivoted under the action of a spring into a position in the closing path of the cover (4), and in which, moreover, a suction pipe (5) which passes through so as to be gripped by the inlet opening (7) provided in the reinforcing plate (6), is provided on the cover (4), characterised in that the cover (4) is angled towards the front of the vacuum cleaner and has the end of the angled portion hinged to the housing (1) of the vacuum cleaner ; that, moreover, the suction pipe (5) forms an integral part of the angled portion, and the supporting element (9) is hinged to the front boundary wall (8) of the dust chamber (3) so as to lie opposite the suction pipe (5), and is of frame-like form and has guide grooves (10) for the reinforcing plate (6) of the filter bag (2) on two sides running at right angles to the pivotal axis, whereby, during the closing operation, when no filter bag (2) is inserted, the cover (4) with its knee abuts against the supporting element (9) and interlocks with the supporting element, whilst when a filter bag (2) is inserted, the supporting element (9) is pivoted into its operating position by the suction pipe (5) which abuts against the reinforcing plate (6).

IPC 1-7

A47L 9/14

IPC 8 full level

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CPC (source: EP)

A47L 9/00 (2013.01); **A47L 9/1427** (2013.01); **A47L 9/1472** (2013.01)

Cited by

EP1283020A3; US7251854B2; EP0116870A3; EP0839494A3; EP0289709A1; US4851019A; AU605289B2; US8413293B2; WO2009132780A1; WO2006021482A1; WO2009008799A1

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