

Title (en)
Main body structure of vacuum cleaner

Title (de)
Hauptgehäuseanordnung für Staubsauger

Title (fr)
Structure de corps principal d'aspirateur

Publication
EP 1652457 B1 20100602 (EN)

Application
EP 05252500 A 20050421

Priority
KR 20040087095 A 20041029

Abstract (en)
[origin: EP1652457A1] Provided is a main body structure of a vacuum cleaner. The main body (100) structure includes a motor chamber (130), a lower case (140), an intermediate unit (150), a dust collecting structure, and a dust collecting unit cover (170). The motor chamber (130) receives a motor (131) and generates a suction force. The lower case (140) receives the motor chamber (130) and part of an upper side of which is open so that an air discharged from the motor chamber (130) may be discharged upward. The intermediate (150) unit is placed on an upper portion of the lower case (140) and has at least a dust collecting unit (152). The dust collecting structure is placed in an inside of the dust collecting unit (152) so as to filter foreign particles included in an air sucked from the dust collecting unit (152). The dust collecting unit cover (170) is formed on an upper portion of the intermediate unit (150) so that an inner space of the dust collecting unit (152) may be selectively open.

IPC 8 full level
A47L 9/00 (2006.01); **A47L 5/36** (2006.01)

CPC (source: EP KR)
A47L 5/362 (2013.01 - EP); **A47L 9/00** (2013.01 - EP KR); **A47L 9/12** (2013.01 - KR)

Cited by
CN101961223A; RU2472420C2; CN102525343A; CN105212829A; US12029375B2

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