

Title (en)
Water filtration vacuum cleaner

Title (de)
Staubsauger mit Flüssigkeitsfilter

Title (fr)
Aspirateur à bain de liquide

Publication
EP 1535563 A3 20051221 (EN)

Application
EP 04027123 A 20041115

Priority
US 52539903 P 20031126

Abstract (en)
[origin: US2005108849A1] A water filtration vacuum cleaner that has a modular construction. A motor module fits deep into a central opening of a water tank module so that the center of gravity of the vacuum cleaner is lowered. The water tank module is then placed on top of a trolley module, which has a rotatable arm. When rotated into a substantially vertical position, the arm secures the water tank module and motor module to the trolley module. A vacuum hose connects into the water tank from above. The air path from the hose into the water tank module extends through an upper surface of the water tank module that incorporates the motor module. When activated, motor cooling air is drawn in through the bottom of a central opening in the trolley module.

IPC 1-7
A47L 9/18; **A47L 5/36**; **A47L 9/00**

IPC 8 full level
A47L 5/36 (2006.01); **A47L 9/00** (2006.01); **A47L 9/06** (2006.01); **A47L 9/18** (2006.01); **A47L 9/22** (2006.01); **A47L 9/24** (2006.01); **A47L 9/32** (2006.01)

CPC (source: EP US)
A47L 5/362 (2013.01 - EP US); **A47L 5/365** (2013.01 - EP US); **A47L 9/0009** (2013.01 - EP US); **A47L 9/0027** (2013.01 - EP US); **A47L 9/009** (2013.01 - EP US); **A47L 9/06** (2013.01 - EP US); **A47L 9/0613** (2013.01 - EP US); **A47L 9/0653** (2013.01 - EP US); **A47L 9/0673** (2013.01 - EP US); **A47L 9/181** (2013.01 - EP US); **A47L 9/187** (2013.01 - EP US); **A47L 9/22** (2013.01 - EP US); **A47L 9/242** (2013.01 - EP US); **A47L 9/327** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

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US 2005108849 A1 20050526; CN 2862940 Y 20070131; EP 1535563 A2 20050601; EP 1535563 A3 20051221

DOCDB simple family (application)
US 99257604 A 20041117; CN 200420116562 U 20041125; EP 04027123 A 20041115