

Title (en)
Cyclonic back-pack vacuum cleaner.

Title (de)
Zyklon-Rückenstaubsauger.

Title (fr)
Aspirateur cyclone dorsal.

Publication
EP 0557096 A1 19930825

Application
EP 93301200 A 19930218

Priority
CA 2061469 A 19920219

Abstract (en)
A back-pack vacuum cleaner (10) comprises a back-pack harness (12) an upper casing (14) attached to the harness and a lower casing (16) rotatably mounted on the upper casing. A cyclonic cleaning assembly (60) is mounted within the upper casing such that at least part of the assembly extends into the lower casing. The motor (80) is positioned within the upper casing above the cyclonic cleaning assembly. <IMAGE>

IPC 1-7
A47L 5/36; **A47L 9/16**

IPC 8 full level
A47L 5/00 (2006.01); **A47L 5/36** (2006.01); **A47L 9/12** (2006.01); **A47L 9/16** (2006.01)

CPC (source: EP)
A47L 5/36 (2013.01); **A47L 9/127** (2013.01); **A47L 9/1633** (2013.01)

Citation (search report)
• [Y] DE 8904591 U1 19890706
• [Y] US 5062870 A 19911105 - DYSON JAMES [GB]
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• [Y] EP 0362169 A2 19900404 - ELECTROLUX AB [SE]
• [A] EP 0033250 A1 19810805 - NUMATIC ENG LTD [GB]
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EP 93301200 A 19930218; AU 3307193 A 19930216; CA 2061469 A 19920219; JP 3021193 A 19930219