

Title (en)
MOTOR CAP AND HOUSING FOR WET/DRY VACUUM

Publication
EP 0270935 A3 19881005 (EN)

Application
EP 87117458 A 19871126

Priority
US 94057686 A 19861212

Abstract (en)
[origin: EP0270935A2] A wet/dry vacuum cleaner (20), including an accumulating tank (21) having a removable top (25) which mounts an electric motor (26) and suction producing fan (29) driven by the motor (26), is provided with a molded plastic cap (23) for the motor (26) and a separate molded plastic cover (27) fitted over the cap (23). An electric junction box (167) molded integrally with the cap (23) is provided with a snap-fitted removable perforated cover (170). The motor cover (23) is provided with inlet and exhaust apertures (76, 77) for motor cooling air, and cooperates with the cap (23) to direct the cooling air from the inlet (76), through the motor (26) and out the exhaust (77) while some of the cooling air also passes through the junction box (167). To facilitate inspection and servicing, the motor cover (27) and cap (23) are removable without disturbing mechanical mounting of other components and without opening the junction box (167).

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IPC 8 full level
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A47L 7/0028 (2013.01); **A47L 7/0038** (2013.01); **A47L 7/0042** (2013.01); **A47L 9/22** (2013.01)

Citation (search report)
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• [AD] US 4330899 A 19820525 - MILLER JONATHAN, et al
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