

Title (en)  
Battery-powered hand-held vacuum cleaner

Title (de)  
Batteriebetriebener Handstaubsauger

Title (fr)  
Aspirateur portatif fonctionnant à piles

Publication  
**EP 0847721 A3 19991103 (DE)**

Application  
**EP 97121514 A 19971206**

Priority  
DE 19651477 A 19961211

Abstract (en)  
[origin: EP0847721A2] The vacuum cleaner has a housing with handle (1) which contains a tank (4) for holding a liquid and an electric motor (7) to drive a fan (8). A suction section (2) is detachable from the drive section and has an air intake (18) and a spray nozzle (24) for the liquid. The liquid is conveyed from the tank to the spray nozzle by a separable delivery system. The system can include a pump which can be electrically driven or manually operated and a hose with a detachable union

IPC 1-7  
**A47L 5/24**

IPC 8 full level  
**A47L 5/24** (2006.01); **A47L 7/00** (2006.01); **A47L 11/34** (2006.01)

CPC (source: EP US)  
**A47L 5/24** (2013.01 - EP US); **A47L 7/0009** (2013.01 - EP US); **A47L 7/0038** (2013.01 - EP US); **A47L 11/34** (2013.01 - EP US);  
**A47L 11/4083** (2013.01 - EP US); **A47L 11/4088** (2013.01 - EP US)

Citation (search report)

- [A] US 4788738 A 19881206 - MONSON CLIFFORD L [US], et al
- [AD] US 5507068 A 19960416 - FAN HUNG [US], et al
- [A] US 5367740 A 19941129 - MCCRAY KIMOTHY R [US]
- [AD] EP 0586762 A1 19940316 - WING SHING OVERSEAS LIMITED [VG]
- [AD] EP 0357189 A2 19900307 - BLACK & DECKER INC [US]
- [AD] EP 0008117 A1 19800220 - BLACK & DECKER INC [US]

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**EP 97121514 A 19971206**; DE 19651477 A 19961211; DE 59709559 T 19971206; US 98831897 A 19971210