

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

Title (de)  
Batteriebetriebener Handstaubsauger

Title (fr)  
Aspirateur portatif fonctionnant à piles

Publication  
**EP 0847721 B1 20030319 (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**; **A47L 7/00**

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)

Cited by  
CN105725913A; CN107773151A; EP1833343A4; EP1059122A1; EP1010389A3; CN106175601A; RU2675920C2; US10820767B2;  
US2021038043A1; US9737183B2; US8776304B2; US7703170B2; EP3831261A1; WO2008080222A1; WO0074862A1; US11229338B2;  
US9560944B2; WO2014195711A1; US11432696B2; US11930974B2; US6560806B1; US6578224B1; EP1116688A1; FR2806071A1;  
US9943199B2

Designated contracting state (EPC)  
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DE 59709559 D1 20030424; US 5970572 A 19991026

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