

Title (en)  
VACUUM CLEANER

Publication  
**EP 0184113 B1 19900822 (DE)**

Application  
**EP 85114980 A 19851126**

Priority  
DE 3443837 A 19841130

Abstract (en)  
[origin: US4733429A] The motor 3 of the vacuum cleaner is surrounded by the elastomeric shroud 4, which is air-tightly joined to the blower 2. The blower 2 moves the drawn in air into the space defined by the shroud, which the air can only leave through the air outlet ports 13 formed in the wall of the shroud. Behind the air outlet ports 13 there is a filter 10, which cleans the air coming from the shroud. The air passes into the space between the shroud and the vacuum cleaner housing, where it is distributed and comes to rest. It passes through numerous air outlet ports 15 in the vacuum cleaner housing at a low speed.

IPC 1-7  
**A47L 9/00**; **A47L 9/12**

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

CPC (source: EP US)  
**A47L 9/0081** (2013.01 - EP US); **A47L 9/122** (2013.01 - EP US)

Cited by  
EP0453163A1; FR2902632A1; WO2008000947A1; WO9907271A3

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0184113 A2 19860611**; **EP 0184113 A3 19880316**; **EP 0184113 B1 19900822**; AT E55687 T1 19900915; AU 5040485 A 19860605; AU 580115 B2 19890105; CA 1262605 A 19891107; DE 3443837 A1 19860605; DE 3443837 C2 19880225; DE 3579297 D1 19900927; DK 539785 A 19860531; DK 539785 D0 19851121; JP S61135626 A 19860623; NZ 214328 A 19880212; US 4733429 A 19880329

DOCDB simple family (application)  
**EP 85114980 A 19851126**; AT 85114980 T 19851126; AU 5040485 A 19851127; CA 496152 A 19851125; DE 3443837 A 19841130; DE 3579297 T 19851126; DK 539785 A 19851121; JP 26825385 A 19851127; NZ 21432885 A 19851126; US 80211885 A 19851125