

Title (en)  
A vacuum cleaner

Title (de)  
Staubsauger

Title (fr)  
Aspirateur

Publication  
**EP 1112712 A1 20010704 (EN)**

Application  
**EP 99830819 A 19991230**

Priority  
EP 99830819 A 19991230

Abstract (en)  
A vacuum cleaner (1) comprising a dust-collection reservoir (7) containing a fluid (8) and at least one duct (11) for conveying an air-flow comprising the dust into the reservoir (1), the flow being mixed with the fluid (8) so as to generate a dynamic and turbulent mixture, is characterized in that the reservoir (7) comprises means (16,17) for intercepting the flow in order to generate a swirling motion of the mixture inside the reservoir (7).  
<IMAGE>

IPC 1-7  
**A47L 9/18**; **A47L 5/36**

IPC 8 full level  
**A47L 5/36** (2006.01); **A47L 9/18** (2006.01)

CPC (source: EP)  
**A47L 5/362** (2013.01); **A47L 9/181** (2013.01)

Citation (search report)  
• [XY] FR 2745169 A1 19970829 - VAP IND FRANCE SA [FR]  
• [Y] WO 8900021 A1 19890112 - PEARSON ALWYN HAROLD [AU]  
• [X] DE 19720101 C1 19980924 - SOLOUKI BAHMAN DR [DE], et al  
• [A] US 5343592 A 19940906 - PARISE CARL [US]  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 015, no. 221 (C - 0838) 6 June 1991 (1991-06-06)

Cited by  
EP1088508A3; EP1707098A3; EP2676593A1; EP1707098A2; WO2014163595A1; WO2015019080A1; WO2004060128A1; EP2835088A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1112712 A1 20010704**; **EP 1112712 B1 20060329**; AT E321485 T1 20060415; CY 1105502 T1 20100728; DE 69930607 D1 20060518; DE 69930607 T2 20070111; DK 1112712 T3 20060731; ES 2259232 T3 20060916; PT 1112712 E 20060731

DOCDB simple family (application)  
**EP 99830819 A 19991230**; AT 99830819 T 19991230; CY 061100727 T 20060605; DE 69930607 T 19991230; DK 99830819 T 19991230; ES 99830819 T 19991230; PT 99830819 T 19991230