

Title (en)  
Vacuum cleaner

Title (de)  
Saugreinigungsgerät

Title (fr)  
Aspirateur

Publication  
**EP 1050262 B1 20071003 (DE)**

Application  
**EP 00107335 A 20000404**

Priority  
DE 19915881 A 19990408

Abstract (en)  
[origin: DE19915881A1] The vacuum cleaner has a suction fan (3) and two suction openings (15,17) on its housing (2) to which suction tools can be connected and a changeover element (18) for changing the suction air flow between the openings as required. The changeover element is a three-way valve set by a twisting movement.

IPC 8 full level  
**A47L 5/32** (2006.01)

CPC (source: EP)  
**A47L 5/32** (2013.01); **A47L 9/0072** (2013.01)

Designated contracting state (EPC)  
DE GB IT SE

DOCDB simple family (publication)  
**DE 19915881 A1 20001012**; DE 50014683 D1 20071115; EP 1050262 A2 20001108; EP 1050262 A3 20020814; EP 1050262 B1 20071003

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**DE 19915881 A 19990408**; DE 50014683 T 20000404; EP 00107335 A 20000404