

Title (en)  
Blower assembly with impeller for vacuum cleaner

Title (de)  
Staubsaugergebläse mit Laufrad

Title (fr)  
Soufflante d'aspirateur avec roue de ventilateur

Publication  
**EP 0467557 B2 20010926 (EN)**

Application  
**EP 91306038 A 19910703**

Priority  
JP 19054090 A 19900720

Abstract (en)  
[origin: EP0467557A1] A vacuum cleaner blower assembly has a blower motor (81), a vaned centrifugal impeller (90) driven by the blower motor (81) and an air diffuser (89) radially beyond the periphery of the impeller. In order to improve air flow efficiency at the impeller inlet and outlet, the impeller (90) has a shroud plate (97) which, as seen in axial section, curves away from the vane inlet region towards its inner edge and the air diffuser (89) has vanes (94) with an inlet angle in the range 1 to 4 DEG . <IMAGE>

IPC 1-7  
**A47L 5/22**

IPC 8 full level  
**A47L 9/00** (2006.01); **A47L 5/22** (2006.01); **F04D 29/44** (2006.01)

CPC (source: EP KR)  
**A47L 5/22** (2013.01 - EP); **A47L 9/08** (2013.01 - KR)

Cited by  
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