

Title (en)

Vacuum cleaner having an impeller and diffuser.

Title (de)

Staubsauger mit Gebläserad und Diffusor.

Title (fr)

Soufflante et diffuseur d'aspirateur.

Publication

EP 0602007 A2 19940615 (EN)

Application

EP 94101775 A 19910703

Priority

- EP 91306038 A 19910703
- JP 19054090 A 19900720

Abstract (en)

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 air diffuser (89) has vanes (94) with an inlet angle in the range 1 to 4 DEG . <IMAGE>

IPC 1-7

A47L 5/22; **A47L 9/00**

IPC 8 full level

A47L 9/00 (2006.01); **A47L 5/22** (2006.01); **F04D 29/44** (2006.01)

CPC (source: EP KR)

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Cited by

CZ297722B6; EP1878376A3; EP1048258A3; CN1102370C; US8152488B2; WO9829308A1; WO9730621A1; WO9838899A1; WO9737423A3; EP3450766A1; DE102017215261A1; JP2008019869A

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