

Title (en)  
Radial blower

Title (de)  
Radialgebläse

Title (fr)  
Soufflante radiale

Publication  
**EP 0627560 B1 19980701 (DE)**

Application  
**EP 94107578 A 19940517**

Priority  
DE 4318580 A 19930604

Abstract (en)  
[origin: EP0627560A1] The invention relates to a radial-flow blower known per se which consists of a casing having a scroll-like (spiral-shaped, volute) inner profile and a closed blower rotor (impeller). The diameter of the blower rotor is very much larger than its flow outlet width, and the closed blower rotor consists of a supporting disc (1), a back disc (2) and recurved blades (vanes) (3) arranged between these. To make the known radial-flow blower suitable for use with low back pressures and large volume flows it is proposed that the outer blade edges be designed so as to run obliquely. <IMAGE>

IPC 1-7  
**F04D 29/30**

IPC 8 full level  
**F04D 29/30** (2006.01)

CPC (source: EP)  
**F04D 29/281** (2013.01); **F04D 29/30** (2013.01); **F05D 2240/304** (2013.01)

Cited by  
EP1046822A3; EP1462658A3; EP1236908A3; EP3273066A1; US2010322781A1; CN101952603A; AU2014393558B2; EP3835592A1; US2021170125A1; US11925755B2; WO2009101376A1; US9512729B2; US10267320B2; US10865796B2; US10871165B2

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