

Title (en)  
Radial blower

Title (de)  
Radialgebläse

Title (fr)  
Soufflante radiale

Publication  
**EP 0589300 B1 19961211 (DE)**

Application  
**EP 93114532 A 19930910**

Priority  
DE 4232178 A 19920925

Abstract (en)  
[origin: EP0589300A1] In a radial blower, the impeller (16) is arranged between two plane-parallel discs (30, 32) which close off the impeller (16) on its axial end sides. A partition (42) divides the inner space of the impeller (16) into a first suction space (V1) and a second suction space (V2). An inflow opening (44) for fresh air opens only into the first suction space (V1). The radial blower works as a two-stage blower, the first stage working with the first suction space (V1) as a radial blower, while the second stage works with the second suction space (V2) as a transverse-flow blower.  
<IMAGE>

IPC 1-7  
**F04D 29/42**; F04D 25/16; F04D 29/16; F04D 17/04

IPC 8 full level  
**F04D 17/04** (2006.01); **F04D 25/16** (2006.01); **F04D 29/16** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP)  
**F04D 17/04** (2013.01); **F04D 25/166** (2013.01); **F04D 29/162** (2013.01); **F04D 29/4213** (2013.01)

Cited by  
EP1247988A1; EP0972990A1; CN114076122A; FR2794194A1; EP1002958A3; EP1178215A3; FR2794192A1; CN114060319A; EP1002957A3; EP1022470A1; EP1022469A1; US6604906B2

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