

Title (en)  
Radial fan

Title (de)  
Radialgebläse

Title (fr)  
Soufflante radial

Publication  
**EP 1022470 B1 20041013 (DE)**

Application  
**EP 99100937 A 19990120**

Priority  
EP 99100937 A 19990120

Abstract (en)  
[origin: EP1022470A1] The fan has two induction cavities, the first (A1) of which has an induction aperture (28), The induction aperture has an injector wall (20) extending into the first induction cavity to act as a feed injector. It is in the form of an annular wall, part annular wall or spoiler wall. and improves the achievable static pressure, working pressure and output.

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

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

CPC (source: EP)  
**F04D 17/04** (2013.01); **F04D 17/16** (2013.01); **F04D 25/166** (2013.01); **F04D 29/4213** (2013.01)

Cited by  
EP1247988A1; DE102009033773A1; DE102006061756A1; EP1188930A1; WO2024113902A1

Designated contracting state (EPC)  
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)  
**EP 1022470 A1 20000726**; **EP 1022470 B1 20041013**; AT E279653 T1 20041015; DE 59910827 D1 20041118

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**EP 99100937 A 19990120**; AT 99100937 T 19990120; DE 59910827 T 19990120