

Title (en)  
Radial fan

Title (de)  
Radiallüfter

Title (fr)  
Ventilateur radial

Publication  
**EP 0943808 A3 20010131 (DE)**

Application  
**EP 99105557 A 19990318**

Priority  
DE 19811877 A 19980318

Abstract (en)  
[origin: EP0943808A2] The radial fan has a drum rotor (2), a casing (3) where the air pressure cavity runs spirally to an outflow aperture (5) and a casing tongue (6) at the side walls with a throttle radius, to separate the beginning (4') and end (4) of the pressure cavity. The casing tongue is made with a through curvature (7) over at least part of the width (B) of the casing.

IPC 1-7  
**F04D 29/42**; **F04D 29/66**

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

CPC (source: EP)  
**F04D 29/422** (2013.01); **F04D 29/4226** (2013.01)

Citation (search report)  
• [X] DE 4313617 C1 19940511 - KREIS TRUMA GERAETEBAU [DE]  
• [A] DE 4141590 A1 19930624 - KOHL HANS [DE]  
• [A] FR 2530299 A1 19840120 - SUEDEDEUTSCHE KUEHLER BEHR [DE]  
• [X] DE 19510553 A1 19960926 - BOSCH GMBH ROBERT [DE]

Cited by  
EP2177769A3; US7988538B2; US8388417B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0943808 A2 19990922**; **EP 0943808 A3 20010131**; **EP 0943808 B1 20040602**; DE 19861061 A1 19991021; DE 19861061 C2 20030703; ES 2221254 T3 20041216

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