

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

DOCDB simple family (application)
EP 99105557 A 19990318; DE 19861061 A 19980318; ES 99105557 T 19990318