

Title (en)  
Radial fan

Title (de)  
Radialgebläse

Title (fr)  
Ventilateur radial

Publication  
**EP 1462658 A3 20051214 (DE)**

Application  
**EP 04400016 A 20040322**

Priority  
DE 10313054 A 20030324

Abstract (en)  
[origin: EP1462658A2] The radial fan has a housing (1,2) with an axial fan wheel (3) and an air inlet (4) and air exit (5) with a floor area (6) and base surface (7) and wheel for spiral movement of the air. The wheel has a cover plate and a cover disc. The pressure area (8) is in an axial direction to a base surface and wheel covers have a pipe shaped cover edge.

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

IPC 8 full level  
**F04D 29/28** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP US)  
**F04D 29/281** (2013.01 - EP US); **F04D 29/4233** (2013.01 - EP US)

Citation (search report)  
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• [A] US 2002106277 A1 20020808 - CHAPMAN THOMAS [US]  
• [YA] EP 0627560 A1 19941207 - SEL ALCATEL AG [DE]  
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DE102009050684A1; WO2011051002A1

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**US 2004219013 A1 20041104; US 7179050 B2 20070220**; AT E438804 T1 20090815; DE 10313054 A1 20041014; DE 10313054 A8 20050217;  
DE 10313054 B4 20121004; DE 502004009845 D1 20090917; EP 1462658 A2 20040929; EP 1462658 A3 20051214; EP 1462658 B1 20090805;  
ES 2331308 T3 20091229

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