

Title (en)  
RADIAL FAN WHEEL

Title (de)  
RADIALGEBLÄSERAD

Title (fr)  
ROUE DE SOUFFLANTE RADIALE

Publication  
**EP 1774180 B1 20120208 (DE)**

Application  
**EP 05768016 A 20050729**

Priority  
• EP 2005008250 W 20050729  
• DE 202004012015 U 20040731

Abstract (en)  
[origin: EP2196679A2] The radial fan impeller (1) has a number of circumferentially distributed blades (2) which on the inlet side (16) over their radial extent to the outlet section (6) are connected to a shroud disc (20) which has a central inlet opening (22) running into the inner inlet section (4) of the impeller. Radially shorter intermediate blades (28) are connected to the shroud disc and installed in regions between adjacent blades and from the outer circumference of the shroud disc extend only over a part of the radial extent of the shroud disc and end at a radial distance from the hub (24).

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

CPC (source: EP US)  
**F04D 29/023** (2013.01 - EP US); **F04D 29/281** (2013.01 - EP US); **F04D 29/284** (2013.01 - EP US); **F05D 2230/53** (2013.01 - EP US); **F05D 2300/43** (2013.01 - EP US)

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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