

Title (en)

Rotor, in particular for an axial fan

Title (de)

Laufgrad, insbesondere für einen Axialventilator

Title (fr)

Rotor, en particulier pour ventilateur axial

Publication

EP 1609996 B1 20070808 (DE)

Application

EP 05104899 A 20050606

Priority

DE 202004010088 U 20040625

Abstract (en)

[origin: US2005287005A1] An impeller for an axial fan of the type adapted to be pressed onto a rotating rotor comprising a number of blades. The blades protrude radially outward from a substantially tubular hub, which carries the blades and is adapted to be pressed onto the rotating rotor. A substantially cylindrical blank is arranged inside the hub where the blank forms alternately arranged first and second portions. The first portions have a greater inside diameter than the inside diameter of the second portions.

IPC 8 full level

F04D 25/06 (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP US)

F04D 25/0613 (2013.01 - EP US); **F04D 29/329** (2013.01 - EP US)

Cited by

DE102014225688B3; WO2013060358A1; WO2016091256A1; DE202010011378U1

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DOCDB simple family (publication)

US 2005287005 A1 20051229; **US 7442010 B2 20081028**; AT E369497 T1 20070815; AU 2005202448 A1 20060112; AU 2005202448 B2 20100805; CN 100445571 C 20081224; CN 1712737 A 20051228; DE 202004010088 U1 20040909; DE 502005001164 D1 20070920; DK 1609996 T3 20071217; EP 1609996 A1 20051228; EP 1609996 B1 20070808; ES 2290852 T3 20080216; PL 1609996 T3 20071130; PT 1609996 E 20071113

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US 15478105 A 20050615; AT 05104899 T 20050606; AU 2005202448 A 20050607; CN 200510082008 A 20050624; DE 202004010088 U 20040625; DE 502005001164 T 20050606; DK 05104899 T 20050606; EP 05104899 A 20050606; ES 05104899 T 20050606; PL 05104899 T 20050606; PT 05104899 T 20050606