

Title (en)

Radial impeller for ventilator, in particular made of plastic

Title (de)

Radiallüfterrad, insbesondere aus Kunststoff

Title (fr)

Roue radiale de ventilateur, en particulier en matière plastique

Publication

**EP 1457683 A2 20040915 (DE)**

Application

**EP 04005006 A 20040303**

Priority

DE 10310868 A 20030311

Abstract (en)

The radial fan impeller (1) of plastic has a number of vanes (3) installed between two rings (3). The blades are constructed as hollow profiles with ribs (5) provided between the two walls of the vanes and perpendicularly to each wall. The distance between two ribs is up to three times the distance between opposite facing walls of the vanes. The thickness of the ribs is equal to or greater than the thickness of the walls of the vanes.

Abstract (de)

Die Erfindung betrifft ein Radiallüfterrad (1), insbesondere aus Kunststoff, mit einer Mehrzahl von zwischen zwei Ringen (2) angeordneten Schaufeln (3), wobei die Schaufeln (3) als Hohlprofile ausgebildet sind, und zwischen den beiden Wänden der Schaufeln (3) Stege (5) vorgesehen sind.

<IMAGE>

IPC 1-7

**F04D 29/30**

IPC 8 full level

**F04D 29/02** (2006.01); **F04D 29/28** (2006.01); **F04D 29/30** (2006.01)

CPC (source: EP)

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**EP 1457683 A2 20040915**; **EP 1457683 A3 20051130**; **EP 1457683 B1 20090520**; DE 10310868 A1 20040923; DE 502004009498 D1 20090702

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