

Title (en)

Radial fan wheel

Title (de)

Radial-Lüfterrad

Title (fr)

Roue de ventilateur radiale

Publication

**EP 1961969 A3 20091021 (DE)**

Application

**EP 08151624 A 20080219**

Priority

- EP 07003875 A 20070226
- EP 07022327 A 20071116
- EP 08151624 A 20080219

Abstract (en)

[origin: EP1961969A2] The axial flow radial impeller (10) has a driven supporting part (18,118), which extends perpendicular to the rotating axis (12). A blade arrangement is provided with a number of crown-shaped impeller blades (20) peripherally arranged spaced from each other. The additional blades (44) are engaged in rotating direction (V) of the impeller such that the particles contained in the liquid to be conveyed are subjected to a force component aligned towards supporting part.

IPC 8 full level

**F04D 29/28** (2006.01)

CPC (source: EP)

**F04D 29/289** (2013.01)

Citation (search report)

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- [YA] US 2006165528 A1 20060727 - JUNKER ELMAR [DE], et al
- [A] DE 2809597 A1 19791004 - KONRAD REITZ MASCHINEN U APPAR
- [A] DE 607157 C 19341218 - SCHIELE & CO G M B H G
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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