

Title (en)

ROTARY PUMP AND VANE FOR A ROTARY PUMP

Title (de)

ROTORPUMPE UND FLÜGEL FÜR EINE ROTORPUMPE

Title (fr)

POMPE À ROTOR ET AILETTE DESTINÉE À UNE POMPE À ROTOR

Publication

**EP 2002084 B1 20120104 (DE)**

Application

**EP 06818881 A 20061128**

Priority

- EP 2006011400 W 20061128
- DE 102006016243 A 20060331

Abstract (en)

[origin: DE102006016243A1] The vane (20) has a vane tip (34) provided at a vane body (32). The vane tip is protruded from a rotor (18). The vane tip rests against an inner peripheral surface of a pump housing (12), where the vane tip is a separate component. The vane body comprises a frame work structure with internal compartment walls transverse to a longitudinal direction of the vane. The internal compartment walls run in a longitudinal axis, where the internal compartment wall has an angle deviated from 0 and 90 degrees to external compartment walls of the vane.

IPC 8 full level

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CPC (source: EP)

**F01C 21/0809** (2013.01); **F04C 2/3441** (2013.01)

Cited by

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