

Title (en)
Rotary machine

Title (de)
Rotationsmaschine

Title (fr)
Machine rotative

Publication
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Application
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Priority
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Abstract (en)
[origin: EP1985805A1] The invention relates to Rotary machine comprising at least one rotor (7) and at least one casing (8), whereby blades (2) are mounted to the rotor, whereby a clearance (9) between the radial outer first end of the blades (2) and a radially opposing facing first surface (1) of the casing (8) is provided, whereby the first surfaces (1) is provided with at least one radial protrusion, which is extending in circumferential direction (11) of the rotation of the rotor (7). The radial clearance (9) causes pressure losses and reduces the efficiency. The invention proposes to provide the blades (2) at the respective first ends with at least one rib (10) which rib (10) extends in the height radially outwards and has a longitudinal extending, which forms an angle a bigger than 0° with the circumferential direction (11) of the rotation of the rotor.

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Cited by
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