

Title (en)

Clearance control for turbine blade tips.

Title (de)

Einstellung des Spiels zwischen Turbinenschaufelspitzen und Gehäuse.

Title (fr)

Régulation du jeu des extrémités des aubes de turbine.

Publication

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Application

EP 83108779 A 19830906

Priority

- JP 15392382 A 19820906
- JP 19898682 A 19821115

Abstract (en)

A turbine comprising a casing in which are disposed a turbine rotor assembly which provides a plurality of turbine blades and a guide vane assembly which provides a plurality of guide vane segments, and there being shrouds spaced from turbine blade tips. To control the clearance between the turbine blade tips and the shrouds at a small value by simple structure, the guide vane segments are made movable freely in the radial direction and inside parts of the guide vane segments are fixed to a stationary member.

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F01D 11/08; F01D 9/04

IPC 8 full level

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CPC (source: EP)

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Cited by

US5868553A; CN100400797C; CN114607474A; GB2380527A; GB2380527B; GB2206651A; GB2206651B; US6764276B2; US8459035B2; WO2012130535A1; US8418458B2; US8347633B2; EP2305753A1; WO2011035947A1; US10131776B2; JP2008255989A

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