

Title (en)

CLEARANCE CONTROL FOR TURBINE BLADE TIPS

Publication

EP 0103260 A3 19840926 (EN)

Application

EP 83108779 A 19830906

Priority

- JP 15392382 A 19820906
- JP 19898682 A 19821115

Abstract (en)

[origin: EP0103260A2] 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.

IPC 1-7

F01D 11/08; **F01D 9/04**

IPC 8 full level

F01D 9/04 (2006.01); **F01D 11/18** (2006.01)

CPC (source: EP)

F01D 9/041 (2013.01); **F01D 11/18** (2013.01)

Citation (search report)

- [X] GB 2034415 A 19800604 - GEN MOTORS CORP
- [A] US 3532437 A 19701006 - STRUB RENE
- [AD] GB 2061396 A 19810513 - ROLLS ROYCE
- [A] GB 1534660 A 19781206 - STAL LAVAL TURBIN AB
- [A] US 2849209 A 19580826 - NEIL BURGESS, et al

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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