

Title (en)

Gas turbine with tip clearance control for blades

Title (de)

Gasturbine mit Laufspaltkontrolle

Title (fr)

Turbine à gaz avec réglage du jeu des aubes

Publication

EP 1512842 B1 20090722 (DE)

Application

EP 04018924 A 20040810

Priority

DE 10340825 A 20030904

Abstract (en)

[origin: EP1512842A2] The gas turbine has several cover band segments forming a seal around the blades (3) of the turbine wheel (5). The cover band segments are fixed at front and rear points to the radially outer region of the blade segments (7) mounted on a control ring (9). The blade segments are radially an adjustable on the control ring.

IPC 8 full level

F01D 11/18 (2006.01)

CPC (source: EP US)

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Cited by

EP1712744A1; US7588414B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1512842 A2 20050309; EP 1512842 A3 20060405; EP 1512842 B1 20090722; DE 10340825 A1 20050331; DE 502004009777 D1 20090903; US 2005089400 A1 20050428; US 7306428 B2 20071211

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EP 04018924 A 20040810; DE 10340825 A 20030904; DE 502004009777 T 20040810; US 93325704 A 20040903