

Title (en)

Device to control clearances in a gas turbine

Title (de)

Vorrichtung für die Regelung von Spalten in einer Gasturbine

Title (fr)

Dispositif de contrôle de jeu dans une turbine a gaz

Publication

EP 1505261 B1 20080220 (FR)

Application

EP 04291818 A 20040716

Priority

FR 0309686 A 20030806

Abstract (en)

[origin: EP1505261A1] The device has a circular control box (22) surrounding a fixed ring set of a gas turbine. The box has two annular air circulation rails that are spaced from each other. The rails have perforations that modify temperature of the ring set. Hollow spacers (32) connect an air supply channel (28) to the rails in order to supply air in the rails and permit the air to be discharged in the ring set.

IPC 8 full level

F01D 11/08 (2006.01); **F01D 11/24** (2006.01); **F02C 7/18** (2006.01); **F02C 7/28** (2006.01)

CPC (source: EP US)

F01D 11/24 (2013.01 - EP US)

Cited by

WO2018229385A1; FR3067751A1; FR2931872A1; EP2372105A3; EP2987965A1; FR2965583A1; EP2243931A3; GB2518946A; EP2987966A1; GB2518946B; FR3114345A1; US8662828B2; US10294818B2; US8668438B2; WO2009144191A1; WO2016026752A1; US11542833B2

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