

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 à gaz

Publication

EP 1555394 B1 20080924 (FR)

Application

EP 04292774 A 20041125

Priority

FR 0400393 A 20040116

Abstract (en)

[origin: EP1555394A1] The device has air discharge units formed, for each of air circulation ramps (28, 30, 32), by upper rows of N drillings (34) disposed with respect to one of side faces (18a, 18b, 20a, 20b) of wings (18, 20). The discharge units are also formed by lower rows of 2N drillings (36) disposed with respect to blending radiuses (18c, 18d, 20c, 20d) between the wings and a case (14) of a fixed 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); **F05D 2230/13** (2013.01 - EP US)

Cited by

EP1798381A3; EP1798381A2; US10539037B2

Designated contracting state (EPC)

DE ES FR GB IT SE

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EP 1555394 A1 20050720; EP 1555394 B1 20080924; CA 2491666 A1 20050716; CA 2491666 C 20120626; DE 602004016722 D1 20081106; ES 2314355 T3 20090316; FR 2865237 A1 20050722; FR 2865237 B1 20060310; JP 2005201277 A 20050728; RU 2005100469 A 20060620; RU 2304221 C2 20070810; UA 83001 C2 20080610; US 2005158169 A1 20050721; US 7287955 B2 20071030

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EP 04292774 A 20041125; CA 2491666 A 20041230; DE 602004016722 T 20041125; ES 04292774 T 20041125; FR 0400393 A 20040116; JP 2005006380 A 20050113; RU 2005100469 A 20050113; UA A200500428 A 20050117; US 3112805 A 20050110