

Title (en)

Feather seal configuration for a gas turbine shroud

Title (de)

Anordnung von Dichtsreifen bei einem Mantelring einer Gasturbine

Title (fr)

Arrangement des languettes d'étanchéité pour une virole d'une turbine à gaz

Publication

EP 1593814 B1 20080730 (FR)

Application

EP 05290784 A 20050408

Priority

FR 0404737 A 20040504

Abstract (en)

[origin: EP1593814A1] The assembly has multiple ring and spacer segments. Axial and radial sealing tongues (42, 44) are respectively housed in an axial slot (36) and a radial slot (38) placed oppositely in adjacent side faces of the segments. The axial slot of each segment has depth higher than depth of the radial slot. The axial tongue has width greater than the width of the radial tongue.

IPC 8 full level

F01D 9/04 (2006.01); **F01D 11/00** (2006.01); **F01D 25/00** (2006.01); **F02C 7/28** (2006.01)

CPC (source: EP US)

F01D 11/005 (2013.01 - EP US)

Cited by

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EP 1593814 A1 20051109; EP 1593814 B1 20080730; CA 2504171 A1 20051104; CA 2504171 C 20121023; DE 602005008503 D1 20080911; ES 2311201 T3 20090201; FR 2869943 A1 20051111; FR 2869943 B1 20060728; JP 2005320965 A 20051117; JP 4516473 B2 20100804; RU 2005112913 A 20061120; RU 2373401 C2 20091120; UA 87971 C2 20090910; US 2005248100 A1 20051110; US 7201559 B2 20070410

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EP 05290784 A 20050408; CA 2504171 A 20050422; DE 602005008503 T 20050408; ES 05290784 T 20050408; FR 0404737 A 20040504; JP 2005124581 A 20050422; RU 2005112913 A 20050428; UA A200504095 A 20050428; US 11088505 A 20050421