

Title (en)

Device for adjusting the diameter of the stator of a gas turbine engine

Title (de)

Verstellvorrichtung für den Durchmesser des Stators eines Gasturbinenwerks

Title (fr)

Agencement de réglage de diamètre d'un stator de turbine à gaz

Publication

EP 1134360 B1 20051116 (FR)

Application

EP 01400059 A 20010111

Priority

FR 0000371 A 20000113

Abstract (en)

[origin: WO0151771A2] Ventilation gas is blown to a stator ring (3) to regulate the distance between said ring and the end of the moving blades (5) and reduce leaks in a machine turbine. Communication between successive chambers (18, 19, 20) is enabled by means of fixing hooks (26, 27, 28 et 29) of a strut (10) supporting the ring (3) on the crankcase (2) in order to reduce stress concentrations in said strut (10).

IPC 1-7

F01D 11/24; **F01D 25/24**

IPC 8 full level

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CPC (source: EP US)

F01D 11/24 (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US); **F05D 2240/11** (2013.01 - EP US)

Cited by

EP3092373A4; CN109154208A; EP4345255A1; US10364706B2

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WO 0151771 A2 20010719; **WO 0151771 A3 20020117**; CA 2366363 A1 20010719; CA 2366363 C 20081209; DE 60114910 D1 20051222; DE 60114910 T2 20060810; EP 1134360 A2 20010919; EP 1134360 A3 20020731; EP 1134360 B1 20051116; ES 2248248 T3 20060316; FR 2803871 A1 20010720; FR 2803871 B1 20020607; JP 2003519742 A 20030624; JP 4248785 B2 20090402; RU 2292466 C2 20070127; UA 70353 C2 20041015; US 6666645 B1 20031223

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