

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 A3 20020731 (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

F01D 9/04 (2006.01); **F01D 11/08** (2006.01); **F01D 11/24** (2006.01); **F01D 25/24** (2006.01)

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)

Citation (search report)

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- [X] US 4177004 A 19791204 - BOBO MELVIN [US], et al
- [X] FR 1604778 A 19720131
- [A] WO 9412775 A1 19940609 - UNITED TECHNOLOGIES CORP [US]

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EP3092373A4; CN109154208A; EP4345255A1; US10364706B2

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