

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 A2 20010919 (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).

Abstract (fr)

Du gaz de ventilation est soufflé vers un anneau de stator (3) pour régler sa distance du bout d'aubes mobiles (5) et diminuer les fuites dans une turbine de machine. On propose d'opérer des communications entre chambres successives (18, 19, 20) à travers des crochets (26, 27, 28 et 29) de fixation d'une entretoise (10) de support de l'anneau (3) au carter (2), afin de réduire les concentrations de contrainte dans cette entretoise (10).
<IMAGE>

IPC 1-7

F01D 11/24

IPC 8 full level

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CPC (source: EP US)

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