

Title (en)
TURBO MACHINE WITH A DEVICE FOR PREVENTING A SEGMENT OF NOZZLE GUIDE VANES ASSEMBLY FROM ROTATING IN A CASING

Title (de)
TURBOMASCHINE MIT EINER VORRICHTUNG ZUR VERHINDERUNG DER DREHUNG EINES SEGMENTS EINER LEITSCHAUFELANORDNUNG IN EINEM GEHÄUSE

Title (fr)
TURBOMACHINE AVEC UN DISPOSITIF POUR CALER EN ROTATION UN SEGMENT DE DISTRIBUTEUR DANS UN CARTER

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Application
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Abstract (en)
[origin: WO2011151596A1] The invention relates to a device for preventing the rotation of a segment (80) of nozzle guide vanes assembly in the form of an annulus sector housed inside an annular casing (10) of a turbo machine with the interposing of a heat shield sheet (30) between the internal wall of the casing and the external wall of the segment (80) of nozzle guide vanes assembly, comprising a rotation-proofing peg (120) fitted both into a notch formed in the segment (80) of nozzle guide vanes assembly and in a housing formed in the casing, the heat shield sheet (30) comprising a tab resting against the rotation- proofing peg (120). The device is characterized in that it comprises the arranging of a surface portion (122c) radially between the tab and said internal wall of the casing, forming an end stop in the event of a possible radial movement of the heat shield sheet while the turbo machine is in operation. The invention also relates to the rotation-proofing peg used.

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