

Title (en)

Arrangement for centering an inner stator shroud supported by changeable blades.

Title (de)

Einrichtung für die Zentrierung eines inneren Statorringes, unterstützt durch bewegliche Schaufeln.

Title (fr)

Dispositif de centrage de l'anneau intérieur d'un stator à ailettes à calage variable.

Publication

EP 0146449 A1 19850626 (FR)

Application

EP 84402381 A 19841122

Priority

FR 8319538 A 19831207

Abstract (en)

[origin: US4604030A] The invention relates to a turbo-machine incorporating a compressor with stator vanes of which the angle of incidence is adjustable. In order to enable adjustment in the position of the internal ring of a stator of the compressor, each of the sectors of the ring is provided with adjustment locations constituted by the bushes of pivot bearings for the roots of the vanes which roots comprise an external screw thread cooperating with a complementary internal screw thread of their seating and these come into abutment against a shoulder of the pivot of each vane so that the radial position of each of the sectors can be adjusted by rotation of the bushes in their respective seating.

Abstract (fr)

Afin de permettre le réglage en position de l'anneau intérieur d'un stator à ailettes à calage variable d'une turbo-machine, chacun des secteurs (7) de cet anneau est pourvu de points de réglage constitués de douilles (14) de paliers de pivot de pieds des ailettes (2) qui comportent un filetage externe coopérant avec un taraudage complémentaire de leur logement et viennent en appui contre un épaulement des pivots (5) de sorte que la position radiale de chacun des secteurs (7) peut être ajustée par rotation des douilles dans leur logement.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

F01D 11/001 (2013.01 - EP US); **F01D 17/162** (2013.01 - EP US); **F04D 29/563** (2013.01 - EP US); **F05D 2230/644** (2013.01 - EP US)

Citation (search report)

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