

Title (en)

Angular setting of turbomachine stator vanes.

Title (de)

Winkelfixierung für Leitschaufeln von Turbomachinen

Title (fr)

Calage angulaire d'aubes de redresseur de turbomachine

Publication

EP 1936121 A1 20080625 (FR)

Application

EP 06292026 A 20061222

Priority

EP 06292026 A 20061222

Abstract (en)

The vane (12) has a platform body (14) arranged at an end radially external of the vane and a threaded rod (18) extended radially towards exterior of the body, where the rod is passed through an opening of a casing for receiving a fixation screw outside the casing. The upstream and downstream edges of the body have a ridge (28) extended in a plane of the body for limiting the rotation of the body in an annular groove during tightening the screw on the rod. The threaded rod is connected to a central part of the body.

Abstract (fr)

Aube (12) de redresseur pour une turbomachine, fixée à un carter au moyen d'une plate-forme (14) engagée dans une rainure (20) annulaire du carter, et d'une tige filetée (18) s'étendant radialement vers l'extérieur depuis la plate-forme (14) à travers un orifice (24) du carter et recevant un écrou (26) de fixation, les bords amont et aval de la plate-forme (14) comprenant chacun une saillie (28) s'étendant dans le plan de la plate-forme (14) afin de limiter la rotation de la plate-forme (14) dans la rainure (20) lors du serrage de l'écrou (26) vissé sur la tige filetée (18).

IPC 8 full level

F01D 17/16 (2006.01); **F01D 9/04** (2006.01); **F01D 25/24** (2006.01); **F04D 29/54** (2006.01); **F04D 29/56** (2006.01); **F04D 29/64** (2006.01)

CPC (source: EP US)

F01D 9/042 (2013.01 - EP US); **F01D 17/162** (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US); **F04D 29/644** (2013.01 - EP US); **F05D 2230/64** (2013.01 - EP US); **F05D 2240/128** (2013.01 - EP US); **F05D 2250/182** (2013.01 - EP US); **F05D 2250/70** (2013.01 - EP US); **F05D 2260/30** (2013.01 - EP US)

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DOCDB simple family (application)

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