

Title (en)

Device for adjusting the centring of a synchronisation ring for controlling variable guide vanes of a turbomachine

Title (de)

Vorrichtung zur Einstellung der Zentrierung eines Synchronisationsrings zur Steuerung von schwenkbaren Leitrad-schaufeln einer Strömungsmaschine

Title (fr)

Dispositif de réglage du centrage d'un anneau de synchronisation de commande d'aubes pivotantes de turbomachine

Publication

EP 1820942 B1 20090422 (FR)

Application

EP 07101657 A 20070202

Priority

FR 0650461 A 20060209

Abstract (en)

[origin: EP1820942A1] The device has a control ring (26) centred on a longitudinal axis of a turbo-engine. The control ring is provided with a set of tapped holes (36) running in a radial direction, and a set of pad holders (32) with a threaded rod (34) screwed into one of the tapped holes. Each pad holder holds a pad (30) intended to come into contact with a cylindrical shell (28) coaxial with the ring. The pads are adjusted in the radial direction by screwing the threaded rod into the control ring.

IPC 8 full level

F01D 17/16 (2006.01); **F04D 29/56** (2006.01)

CPC (source: EP US)

F01D 17/162 (2013.01 - EP US); **F04D 29/563** (2013.01 - EP US); **F05D 2250/411** (2013.01 - EP US)

Cited by

WO2016092172A1; FR2983924A1; FR3072430A1; FR3029562A1; CN107002504A; RU2705128C2; US9212666B2; US10662805B2

Designated contracting state (EPC)

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DOCDB simple family (application)

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