

Title (en)

ARRANGEMENT FOR CENTERING AN INNER STATOR SHROUD SUPPORTED BY CHANGEABLE BLADES

Publication

EP 0146449 B1 19861112 (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.

IPC 1-7

F01D 9/04; **F01D 11/00**; **F01D 17/14**; **F04D 29/56**

IPC 8 full level

F04D 29/56 (2006.01); **F01D 9/04** (2006.01); **F01D 11/00** (2006.01); **F01D 17/16** (2006.01); **H02K 15/02** (2006.01)

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)

Cited by

EP0432885A1; EP0298894A1; FR3083564A1; GB2289726A; GB2289726B; EP0259221A1; FR2603340A1; US4773817A; FR2928961A1; CN101970804A; FR2994453A1; CN110656981A; FR3085060A1; GB2577795A; GB2577795B; US10626742B2; US11149571B2; US11566535B2; EP3913194A1; EP3176384A1; WO2009125078A3; WO2009125078A2; US8602726B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0146449 A1 19850626; **EP 0146449 B1 19861112**; DE 3461318 D1 19870102; FR 2556410 A1 19850614; FR 2556410 B1 19860912; JP S60145500 A 19850731; US 4604030 A 19860805

DOCDB simple family (application)

EP 84402381 A 19841122; DE 3461318 T 19841122; FR 8319538 A 19831207; JP 25726584 A 19841205; US 67521484 A 19841127