

Title (en)
Stator blade control apparatus

Title (de)
Steuereinrichtung für Statorschaufel

Title (fr)
Dispositif de commande d'aube variable

Publication
EP 1331402 B1 20071031 (FR)

Application
EP 03290058 A 20030110

Priority
FR 0201022 A 20020129

Abstract (en)
[origin: EP1331402A1] The control mechanism, comprising a lever (30) with a coupling member (24) at its first end (32) to engage with a control ring, has the second end (34) of the lever connected to a radial slot (16) in a blade pivot. The slot has at least one edge (16a) inclined relative to its lengthwise median plane and co-operating with a matching inclined edge (34a) on the second end of the lever. The mechanism has a locking cap (44) applied to the second end of the lever, having an inner surface (48a) that ensures a flat contact with the outer surface of the second end of the lever and ensures its clearance-free contact with the inclined edges of the pivot.

IPC 8 full level
F01D 17/16 (2006.01); **F04D 27/00** (2006.01); **F04D 29/46** (2006.01); **F04D 29/56** (2006.01)

CPC (source: EP US)
F01D 17/16 (2013.01 - EP US); **F01D 17/162** (2013.01 - EP US); **F04D 29/563** (2013.01 - EP US); **Y10T 403/32073** (2015.01 - EP US); **Y10T 403/32172** (2015.01 - EP US); **Y10T 403/50** (2015.01 - EP US); **Y10T 403/54** (2015.01 - EP US)

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 1331402 A1 20030730; EP 1331402 B1 20071031; CA 2418233 A1 20030729; CA 2418233 C 20110531; DE 60317119 D1 20071213; DE 60317119 T2 20080807; ES 2292916 T3 20080316; FR 2835294 A1 20030801; FR 2835294 B1 20040416; JP 2003227494 A 20030815; JP 4073794 B2 20080409; RU 2295655 C2 20070320; UA 79734 C2 20070725; US 2003143066 A1 20030731; US 6796767 B2 20040928

DOCDB simple family (application)
EP 03290058 A 20030110; CA 2418233 A 20030127; DE 60317119 T 20030110; ES 03290058 T 20030110; FR 0201022 A 20020129; JP 2003016009 A 20030124; RU 2003102522 A 20030128; UA 2003010766 A 20030128; US 35212303 A 20030128