

Title (en)

Actuation of variable geometry guide vanes of a turbomachine

Title (de)

Betätigungseinrichtung für Leitgitter variabler Geometrie einer Turbomaschine

Title (fr)

Dispositif de commande d'aubes à calage variable d'une turbomachine

Publication

EP 1696104 B1 20120808 (FR)

Application

EP 06290158 A 20060126

Priority

FR 0501922 A 20050225

Abstract (en)

[origin: EP1696104A2] The device has an actuating ring connected to a variable guide vane by links (26), each with a radial finger and a mounting orifice (24). Each orifice has a size larger than that of a square spindle drive (22) of the vane so that a clearance is formed between them. The clearance is varied between a value, sufficient in the longitudinal direction of the link, and a low or nil value when each link is placed on the drive.

IPC 8 full level

F01D 17/16 (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); **F05D 2230/60** (2013.01 - EP US)

Citation (examination)

EP 1469166 A1 20041020 - SNECMA MOTEURS [FR]

Cited by

CN111765035A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1696104 A2 20060830; **EP 1696104 A3 20090128**; **EP 1696104 B1 20120808**; FR 2882570 A1 20060901; FR 2882570 B1 20070413; RU 2006105379 A 20070927; RU 2365765 C2 20090827; US 2006285969 A1 20061221; US 7530784 B2 20090512

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EP 06290158 A 20060126; FR 0501922 A 20050225; RU 2006105379 A 20060221; US 34420706 A 20060201