

Title (en)

DEVICE FOR VARYING THE CROSS-SECTION OF A TURBINE STATOR

Publication

EP 0191687 B1 19881109 (FR)

Application

EP 86400191 A 19860130

Priority

FR 8501618 A 19850206

Abstract (en)

[origin: US4664594A] The present invention discloses a device for varying the fluid passage area between adjacent turbine stator vanes. Upstream and downstream baffles are pivotally attached to the turbine casing, such that their distal ends may be extended into and retracted from the fluid passage area, so as to vary the cross section of the throat between adjacent vanes. A control system interconnects all of the baffles so as to synchronize and positively control their movements. The invention finds particular use in an aircraft turbojet engine.

IPC 1-7

F01D 17/14

IPC 8 full level

F01D 17/14 (2006.01)

CPC (source: EP US)

F01D 17/141 (2013.01 - EP US)

Cited by

EP1703084A1; US8206089B2; WO2008065447A1; US7900431B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0191687 A1 19860820; EP 0191687 B1 19881109; DE 3661146 D1 19881215; FR 2576974 A1 19860808; FR 2576974 B1 19890203; US 4664594 A 19870512

DOCDB simple family (application)

EP 86400191 A 19860130; DE 3661146 T 19860130; FR 8501618 A 19850206; US 82689486 A 19860206