

Title (en)

Minimisation of the axial gap for adjustable guide vanes and for a contour ring for hot gas expanders

Title (de)

Minimierung der axialen Spalte an verstellbaren Leitgittern und am Konturring für Heissgasexpander

Title (fr)

Minimisation des jeux axiaux pour des aubes de guidage réglables et pour l'anneau profilé d'une machine de détente de gaz chaud

Publication

EP 1965035 B1 20131218 (DE)

Application

EP 07004385 A 20070302

Priority

EP 07004385 A 20070302

Abstract (en)

[origin: EP1965035A1] The flow machine (1) has a rotating blade with rotor, a housing and a fixed flow contour e.g. inlet guiding apparatus (4), contour ring (6). The flow contour is twisted by a flexible element against a housing, so that the clamping forces are acted between the rotating blade and the flow contour from the flexible element in decreasing direction of cleave.

IPC 8 full level

F01D 11/22 (2006.01)

CPC (source: EP)

F01D 11/005 (2013.01); **F01D 11/22** (2013.01); **F01D 17/165** (2013.01); **F05D 2220/40** (2013.01); **F05D 2230/642** (2013.01); **F05D 2260/52** (2013.01)

Cited by

DE102017223791A1; DE102008057878A1

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

EP 1965035 A1 20080903; EP 1965035 B1 20131218; CN 101255804 A 20080903; CN 101255804 B 20160330

DOCDB simple family (application)

EP 07004385 A 20070302; CN 200810082140 A 20080303