

Title (en)

ACTIVE GAP REGULATING DEVICE FOR A ROTOR HOUSING

Title (de)

AKTIVE SPALTREGELEINRICHTUNG FÜR ROTORGEHÄUSE

Title (fr)

DISPOSITIF ACTIF DE RÉGULATION DU JEU POUR DES CARTERS DE ROTOR

Publication

EP 2212522 B1 20110810 (DE)

Application

EP 08854397 A 20081120

Priority

- DE 2008001916 W 20081120
- DE 102007056895 A 20071126

Abstract (en)

[origin: WO2009067992A2] The invention relates to a gap regulating device for a rotor housing of a turbomachine, comprising a number of housing segments combined to form a ring, and a number of actuators for actuating the housing segments in the radial direction. A rocker arrangement is used to transfer the actuating movement of each actuator to the associated housing segment(s). The housing segments preferably consisting of sinter material are pre-tensioned for an expansion of the ring. The springs required therefor are built into the housing segments and elastically connect two respective adjacent housing segments to each other.

IPC 8 full level

F01D 11/22 (2006.01)

CPC (source: EP)

F01D 11/22 (2013.01); **F05D 2240/11** (2013.01); **F05D 2260/52** (2013.01); **F05D 2260/56** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007056895 A1 20090528; AT E519923 T1 20110815; EP 2212522 A2 20100804; EP 2212522 B1 20110810; WO 2009067992 A2 20090604; WO 2009067992 A3 20100128

DOCDB simple family (application)

DE 102007056895 A 20071126; AT 08854397 T 20081120; DE 2008001916 W 20081120; EP 08854397 A 20081120