

Title (en)

Method for temperature-dependant adjustment of a seal gap on a regenerative heat exchanger and related adjustment device

Title (de)

Verfahren zum temperaturabhängigen Einstellen eines Dichtspalts an einem Regenerativ-Wärmetauscher, sowie dies betreffende Stellvorrichtung

Title (fr)

Procédé de réglage en fonction de la température du jeu d'un joint d'étanchéité sur un échangeur de chaleur régénératif, ainsi que dispositif de réglage correspondant

Publication

EP 2258999 B1 20160302 (DE)

Application

EP 09007145 A 20090528

Priority

EP 09007145 A 20090528

Abstract (en)

[origin: EP2258999A1] The method involves causing control movement for rotor seals by rod bodies (13, 14), that is provided in a control device (10), where the control movement for the seal is caused depending on a temperature change of a gas flow. The rod bodies are section-wise arranged in chambers. The rod bodies are separately and heat-exchangeably controlled by the respective chambers by a control medium such that different temperature loadings are provided for the rod bodies. An independent claim is also included for a thermally controlled control device for a regenerative heat exchanger for adjusting a sealing gap between an adjustable seal and a circulating rotor.

IPC 8 full level

F28D 19/04 (2006.01)

CPC (source: EP US)

F28D 19/047 (2013.01 - EP US)

Cited by

DE102016011918A1; DE102016011918B4; CN112378284A; DE102015015133A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 09007145 A 20090528; PL 09007145 T 20090528; RU 2010121873 A 20100528; US 79013310 A 20100528