

Title (en)

Sealing arrangement of a gas turbine with a cooling air system

Title (de)

Dichtungsanordnung einer Gasturbine mit Kühlluftsystem

Title (fr)

Agencement d'étanchéité d'une turbine à gaz avec un système de refroidissement d'air

Publication

EP 2799667 A1 20141105 (EN)

Application

EP 13165743 A 20130429

Priority

EP 13165743 A 20130429

Abstract (en)

A sealing arrangement for rotating and non-rotating components of a gas turbine is disclosed, which minimizes cooling air losses due to misalignments of an axial seal. The sealing arrangement comprises a circumferential seal (29) and several axial seals (31), and at least one axial seal (31) is positively locked with the circumferential seal (29).

IPC 8 full level

F01D 11/00 (2006.01); **F16J 15/06** (2006.01)

CPC (source: EP)

F01D 11/006 (2013.01); **F05D 2240/57** (2013.01)

Citation (search report)

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Cited by

US10494943B2; US2017218784A1; CN107060897A; EP3225785A3; US10851661B2

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2799667 A1 20141105

DOCDB simple family (application)

EP 13165743 A 20130429