

Title (en)

Inner ring for a stator assembly with adjustable vanes

Title (de)

Innenring für einen Leitschaufelkranz mit verstellbaren Leitschaufeln

Title (fr)

Anneau intérieur pour un stator avec aubes directrices réglables

Publication

EP 2722485 A1 20140423 (DE)

Application

EP 12189450 A 20121022

Priority

EP 12189450 A 20121022

Abstract (en)

The ring (9) has adjustable guide vanes (2) provided with a groove (9.3) and arranged on an outer surface of the ring. Two guide vane retainers are arranged between the guide vanes away from the outer surface of the ring. A high-heat conducting material is filled in the guide vanes through the groove, where cross-section of the groove is in U-shape or V-shape. Independent claims are also included for the following: (1) a guide vane collar (2) a method for manufacturing an inner ring.

Abstract (de)

Die vorliegende Erfindung betrifft einen Innenring (9) für einen Leitschaufelkranz mit verstellbaren Leitschaufeln (2) einer Turbomaschine, wobei wenigstens eine Nut (9.3), die auf einer den Leitschaufeln abgewandten Mantelfläche (9.2) des Innenrings angeordnet ist.

IPC 8 full level

F01D 9/04 (2006.01); **F01D 17/16** (2006.01); **F04D 29/56** (2006.01)

CPC (source: EP)

F01D 9/04 (2013.01); **F01D 17/162** (2013.01); **F04D 29/563** (2013.01); **F05D 2300/502** (2013.01)

Citation (search report)

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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 2722485 A1 20140423; EP 2722485 B1 20180725

DOCDB simple family (application)

EP 12189450 A 20121022