

Title (en)

Abradable interior stator ferrule

Title (de)

Abriebdichtung eines Stator-Innenrings

Title (fr)

Abradable de virole intérieure de stator

Publication

EP 2458157 A1 20120530 (FR)

Application

EP 10193061 A 20101130

Priority

EP 10193061 A 20101130

Abstract (en)

The seal i.e. abradable pressure seal (7), has an abradable surface opposite to a rotor portion of turbomachine and another surface in contact with an inner ferrule of stator. A set of component units (10) is provided, where each component unit includes circumferential step (9) on the abradable surface to create an obstacle in the circumferential direction of the inner ferrule. Each component unit includes an axial step (8) on abradable surface to create an obstacle in the axial direction of the turbomachine, where the seal is made of silicone or epoxy.

Abstract (fr)

La présente invention se rapporte à un joint d'étanchéité (7) d'un stator de turbomachine, ledit joint (7) comportant une première surface abradable en regard d'une partie rotorique de la turbomachine et une seconde surface en contact avec une virole intérieure (3) du stator, ledit joint (7) comportant une pluralité d'unités constitutives (10), chaque unité constitutive (10) comportant sur sa première surface abradable une marche circonférentielle (9) créant un obstacle dans la direction circonférentielle de la virole intérieure (3).

IPC 8 full level

F01D 11/02 (2006.01); **F01D 11/12** (2006.01)

CPC (source: EP US)

F01D 11/122 (2013.01 - EP US)

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 2458157 A1 20120530; EP 2458157 B1 20151014; CA 2758830 A1 20120530; CA 2758830 C 20180213; CN 102536882 A 20120704; CN 102536882 B 20160518; RU 2011147534 A 20130527; RU 2581328 C2 20160420; US 2012134787 A1 20120531; US 8926271 B2 20150106

DOCDB simple family (application)

EP 10193061 A 20101130; CA 2758830 A 20111121; CN 201110383947 A 20111128; RU 2011147534 A 20111124; US 201113305407 A 20111128