

Title (en)

Retaining plate for turbomachine stator vane with internal cut-outs

Title (de)

Befestigungsplatte einer Statorschaufel eines Turbotriebwerks mit internen Ausparungen

Title (fr)

Plaque de retenue d'aube de redresseur de turbomachine avec découpes internes

Publication

EP 2746538 B1 20160518 (FR)

Application

EP 12199336 A 20121224

Priority

EP 12199336 A 20121224

Abstract (en)

[origin: EP2746538A1] The stator has an internal ring (28) with an annular line of openings (34), and an annular row of stator blades (26). The row of blades is allowed to extend primarily radially, while crossing the openings. One of the openings is provided on an interior side of the ring. A reserve plate (36) of the blades is inserted in one of the openings. A blocking unit is provided in the form of a strip (38) with an end forming a bearing surface (40) in contact with a portion of the blades or one of the blades located radially in line with corresponding opening.

IPC 8 full level

F01D 9/04 (2006.01)

CPC (source: EP RU US)

F01D 9/04 (2013.01 - RU); **F01D 9/042** (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US); **F04D 29/54** (2013.01 - RU)

Cited by

BE1023367B1

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

DOCDB simple family (publication)

EP 2746538 A1 20140625; **EP 2746538 B1 20160518**; CA 2836434 A1 20140624; CN 103899579 A 20140702; CN 103899579 B 20180327; RU 2013156800 A 20150627; RU 2671260 C2 20181030; US 2014178193 A1 20140626; US 9771815 B2 20170926

DOCDB simple family (application)

EP 12199336 A 20121224; CA 2836434 A 20131216; CN 201310757394 A 20131224; RU 2013156800 A 20131220; US 201314136070 A 20131220