

Title (en)  
ASSEMBLY OF TWO ADJACENT ANGULAR SECTORS OF TURBOMACHINE VANE SHROUD AND CORRESPONDING VANE SHROUD

Title (de)  
ZUSAMMENBAU VON ZWEI ANGRENZENDEN STATORSCHAUFELSEKTOREN EINER TURBOMASCHINE UND ENTSPRECHENDES STATORSCHAUFEL

Title (fr)  
ASSEMBLAGE DE DEUX SECTEURS ANGULAIRES ADJACENTS DE COURONNE D'AUBAGES FIXES DE TURBOMACHINE ET COURONNE D'AUBAGES FIXES CORRESPONDANTE

Publication  
**EP 3797213 B1 20240710 (FR)**

Application  
**EP 19740611 A 20190522**

Priority  
• FR 1854334 A 20180523  
• FR 2019051159 W 20190522

Abstract (en)  
[origin: WO2019224476A1] The invention concerns an angular sector (34a) of a fixed blade ring of a turbomachine, in particular a stator or a guide vane assembly, said sector (34a) extending according to a predetermined angle around an axis of the fixed blade ring and comprising, relative to the axis of said fixed blade ring, a radially outer platform (38a), a radially inner platform (40a), at least two blades (42a) that extend between said platforms (38a, 40a), and at least one block of abradable honeycomb material (44a) that extends on the inside of the inner platform (38a) between transverse ends of the sector (34a), characterised in that the block (44a) of abradable material comprises at least one transverse end wall (52a) that is shaped according to a toothed profile (54a1, 54a2) comprising at least one radially oriented (R) tooth (56a1, 56a2) extending across an entire radial thickness of said block (44a). Abstract drawing: Figure 4. .

IPC 8 full level  
**F01D 11/00** (2006.01)

CPC (source: EP US)  
**F01D 11/001** (2013.01 - EP US); **F01D 11/127** (2013.01 - US); **F05D 2250/182** (2013.01 - EP US); **F05D 2250/183** (2013.01 - EP US); **F05D 2250/283** (2013.01 - US); **F05D 2260/36** (2013.01 - EP US)

Citation (examination)  
EP 0017534 B1 19840314

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)  
**WO 2019224476 A1 20191128**; CA 3100958 A1 20191128; CN 112292510 A 20210129; EP 3797213 A1 20210331; EP 3797213 B1 20240710; FR 3081499 A1 20191129; FR 3081499 B1 20210528; US 11686205 B2 20230627; US 2021207488 A1 20210708

DOCDB simple family (application)  
**FR 2019051159 W 20190522**; CA 3100958 A 20190522; CN 201980039143 A 20190522; EP 19740611 A 20190522; FR 1854334 A 20180523; US 201917056738 A 20190522