

Title (en)

TURBOMACHINE BLADING ANGULAR SECTOR WITH SEAL BETWEEN SECTORS

Title (de)

WINKELSEKTOR EINER TURBOMASCHINENBESCHAUFELUNG MIT DICHTUNG ZWISCHEN SEKTOREN

Title (fr)

SECTEUR ANGULAIRE D'AUBAGE DE TURBOMACHINE AVEC ETANCHEITE ENTRE SECTEURS

Publication

EP 3797212 A1 20210331 (FR)

Application

EP 19733849 A 20190520

Priority

- FR 1854335 A 20180523
- FR 2019051138 W 20190520

Abstract (en)

[origin: WO2019224463A1] Angular sector of a fixed blading ring of a turbomachine (10), in particular of a stator or distributor, said sector extending through a given angle about an axis A of said ring and comprising, with respect to said axis A, a radially outer platform, a radially inner platform, at least two blades extending between said platforms, and at least one block of abradable honeycomb material (44a) that extends inwardly with respect to the inner platform between transverse ends (52a) of the sector (34a) and that comprises radially oriented tubular cells (54a), in which the block of abradable material (44a) comprises at least one transverse end wall (52a) at which all of the cells are open by openings (56a1, 56a2) oriented away from said sector (34a).

IPC 8 full level

F01D 11/00 (2006.01); **F01D 9/04** (2006.01); **F01D 11/12** (2006.01)

CPC (source: EP US)

F01D 9/041 (2013.01 - EP US); **F01D 11/001** (2013.01 - EP); **F01D 11/122** (2013.01 - EP US); **F01D 11/001** (2013.01 - US);
F01D 25/246 (2013.01 - US); **F05D 2240/11** (2013.01 - US); **F05D 2240/122** (2013.01 - US); **F05D 2240/80** (2013.01 - US);
F05D 2250/283 (2013.01 - US); **F05D 2260/36** (2013.01 - EP)

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)

WO 2019224463 A1 20191128; CA 3100777 A1 20191128; CN 112243472 A 20210119; EP 3797212 A1 20210331; FR 3081500 A1 20191129;
FR 3081500 B1 20200522; US 2021207487 A1 20210708

DOCDB simple family (application)

FR 2019051138 W 20190520; CA 3100777 A 20190520; CN 201980037973 A 20190520; EP 19733849 A 20190520; FR 1854335 A 20180523;
US 201917056707 A 20190520