

Title (en)

ASSEMBLY FOR AXIAL TURBOMACHINE, ASSOCIATED ASSEMBLY METHOD AND SEALS

Title (de)

ANORDNUNG FÜR AXIALTURBOMASCHINE, ZUGEHÖRIGES MONTAGEVERFAHREN UND DICHTUNGEN

Title (fr)

ENSEMBLE POUR TURBOMACHINE AXIALE, PROCÉDÉ D'ASSEMBLAGE ET JOINTS D'ÉTANCHÉITÉ ASSOCIÉS

Publication

EP 3717749 B1 20210929 (FR)

Application

EP 18762286 A 20180830

Priority

- BE 201705874 A 20171130
- EP 2018073321 W 20180830

Abstract (en)

[origin: WO2019105610A1] Assembly for axial turbomachine, in particular for an aircraft turbojet, the assembly comprising: an annular casing with an internal surface (40); an annular row of stator baffles (26) with at least one stator baffle (26) comprising an airfoil (50) which extends radially from a fixing platform (34), the fixing platform (34) being fixed to the casing and having a polygonal contour; characterised in that it further comprises a sealing joint (80) comprising a frame, the contour of which conforms to the polygonal contour of the fixing platform (34), the frame being in radial contact with the fixing platform (34) and the casing in order to ensure a seal.

IPC 8 full level

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

CPC (source: EP US)

F01D 9/041 (2013.01 - US); **F01D 9/042** (2013.01 - EP US); **F01D 11/005** (2013.01 - EP US); **F01D 25/06** (2013.01 - EP); **F04D 29/563** (2013.01 - EP); **F04D 29/644** (2013.01 - EP); **F01D 17/162** (2013.01 - US); **F01D 25/24** (2013.01 - US); **F04D 29/563** (2013.01 - US); **F05D 2220/323** (2013.01 - US); **F05D 2230/642** (2013.01 - EP); **F05D 2240/12** (2013.01 - US); **F05D 2250/232** (2013.01 - EP US); **F05D 2250/241** (2013.01 - EP US); **F05D 2260/37** (2013.01 - EP); **F05D 2300/603** (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

DOCDB simple family (publication)

WO 2019105610 A1 20190606; BE 1025753 A1 20190627; BE 1025753 B1 20190704; CN 111108265 A 20200505; CN 111108265 B 20220607; EP 3717749 A1 20201007; EP 3717749 B1 20210929; US 11421539 B2 20220823; US 2021062662 A1 20210304

DOCDB simple family (application)

EP 2018073321 W 20180830; BE 201705874 A 20171130; CN 201880058337 A 20180830; EP 18762286 A 20180830; US 201816644359 A 20180830