

Title (en)

GAS TURBINE ENGINE FAN BLADE PLATFORM SEAL

Title (de)

GEBLÄSESCHAUFELPLATTFORMDICHTUNG FÜR GASTURBINENMOTOR

Title (fr)

JOINT DE PLATEFORME DE PALE DE VENTILATEUR DE MOTEUR DE TURBINE À GAZ

Publication

EP 2932047 A4 20151209 (EN)

Application

EP 13862661 A 20131114

Priority

- US 201213715388 A 20121214
- US 2013070096 W 20131114

Abstract (en)

[origin: US2014169979A1] A fan section for a gas turbine engine includes a fan blade having an airfoil with an exterior surface. A platform seal is adhered to the airfoil. A fan section for a gas turbine engine includes a fan hub having a slot. A fan blade includes an airfoil extending from a root to a tip. The root is received in the slot. A platform is secured to the fan hub and is arranged between adjacent fan blades. A seal has a base secured to opposing sides of the fan blade and a flap integral with and extending from the base portion and canted toward the root and engaging the platform to provide a sealed inner flow path.

IPC 8 full level

F01D 11/08 (2006.01)

CPC (source: EP US)

F01D 5/3007 (2013.01 - EP US); **F01D 11/008** (2013.01 - EP US); **F05D 2220/36** (2013.01 - EP US); **F05D 2250/75** (2013.01 - EP US); **F05D 2300/437** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)

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- See references of WO 2014092925A1

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)

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DOCDB simple family (application)

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