

Title (en)

WEAR RESISTANT TURBINE FAN BLADE

Title (de)

VERSCHLEISSFESTE TURBINENLÜFTERSCHAUFEL

Title (fr)

AUBE DE SOUFFLANTE DE TURBINE RÉSISTANT À L'USURE

Publication

EP 2847436 A1 20150318 (EN)

Application

EP 12721679 A 20120514

Priority

- US 201213469368 A 20120511
- US 201213469349 A 20120511
- US 201213469181 A 20120511
- US 2012037826 W 20120514

Abstract (en)

[origin: WO2013169270A1] The disclosure generally relates to rotor disks and rotor assemblies having a composite lubricated sheet adhered thereon and having improved tribological properties at high temperatures.

IPC 8 full level

F01D 5/28 (2006.01); **C10M 107/44** (2006.01); **C10M 169/04** (2006.01); **D02G 3/02** (2006.01); **F01D 5/30** (2006.01); **F16D 69/02** (2006.01)

CPC (source: EP)

C10M 107/44 (2013.01); **C10M 111/04** (2013.01); **C10M 169/04** (2013.01); **D02G 3/02** (2013.01); **F01D 5/282** (2013.01); **F01D 5/3092** (2013.01); **F16D 69/02** (2013.01); **C10M 2201/0413** (2013.01); **C10M 2201/053** (2013.01); **C10M 2209/1013** (2013.01); **C10M 2213/062** (2013.01); **C10M 2213/0623** (2013.01); **C10M 2217/0443** (2013.01); **C10N 2020/063** (2020.05); **C10N 2030/06** (2013.01); **C10N 2030/08** (2013.01); **C10N 2040/13** (2013.01); **C10N 2050/025** (2020.05); **F05C 2251/14** (2013.01); **F05C 2253/00** (2013.01); **F05D 2220/36** (2013.01); **F05D 2300/509** (2013.01)

Citation (search report)

See references of WO 2013169271A1

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 2013169270 A1 20131114; EP 2847436 A1 20150318; EP 2847437 A1 20150318; JP 2015517416 A 20150622; JP 2015517622 A 20150622; RU 2014150077 A 20160710; WO 2013169271 A1 20131114; WO 2013169272 A1 20131114

DOCDB simple family (application)

US 2012037820 W 20120514; EP 12721679 A 20120514; EP 12725185 A 20120514; JP 2015511426 A 20120514; JP 2015511427 A 20120514; RU 2014150077 A 20120514; US 2012037826 W 20120514; US 2012037832 W 20120514