

Title (en)

GAS TURBINE ENGINE WITH FAN VARIABLE AREA NOZZLE FOR LOW FAN PRESSURE RATIO

Title (de)

GASTURBINENMOTOR MIT LÜFTERDÜSE MIT VERÄNDERLICHEM BEREICH FÜR NIEDRIGES LÜFTERDRUCKVERHÄLTNIS

Title (fr)

MOTEUR À TURBINE À GAZ AVEC BUSE À JET PLAT À SECTION VARIABLE POUR UN RAPPORT DE PRESSION DE VENTILATEUR FAIBLE

Publication

EP 2798188 A4 20150722 (EN)

Application

EP 12872986 A 20121228

Priority

- US 201113340810 A 20111230
- US 2012071954 W 20121228

Abstract (en)

[origin: WO2013147951A1] A gas turbine engine includes a fan section with twenty (20) or less fan blades and a fan pressure ratio less than about 1.45.

IPC 8 full level

F02K 3/075 (2006.01); **F02K 1/09** (2006.01); **F02K 3/06** (2006.01)

CPC (source: EP)

F02K 1/09 (2013.01); **F02K 3/06** (2013.01); **F02K 3/075** (2013.01); **F05D 2270/10** (2013.01)

Citation (search report)

- [XII] US 2009226303 A1 20090910 - GRABOWSKI ZBIGNIEW M [US], et al
- [XII] US 3747343 A 19730724 - ROSEN G
- [II] US 7950237 B2 20110531 - GRABOWSKI ZBIGNIEW M [US], et al
- [I] EP 2282016 A2 20110209 - UNITED TECHNOLOGIES CORP [US]
- [A] EP 1340903 A2 20030903 - GEN ELECTRIC [US]
- See references of WO 2013147951A1

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 2013147951 A1 20131003; CN 104011361 A 20140827; CN 104011361 B 20170329; EP 2798188 A1 20141105; EP 2798188 A4 20150722; SG 11201403587S A 20140730

DOCDB simple family (application)

US 2012071954 W 20121228; CN 201280065355 A 20121228; EP 12872986 A 20121228; SG 11201403587S A 20121228