

Title (en)
FUEL CARTRIDGE ASSEMBLY FOR A GAS TURBINE

Title (de)
KRAFTSTOFFKARTUSCHENEINHEIT FÜR EINE GASTURINE

Title (fr)
ENSEMBLE DE CARTOUCHE DE COMBUSTIBLE POUR UNE TURBINE À GAZ

Publication
EP 3317585 B1 20210804 (EN)

Application
EP 16738874 A 20160630

Priority

- US 201562186907 P 20150630
- US 201562186918 P 20150630
- US 201562186933 P 20150630
- IB 2016053942 W 20160630

Abstract (en)
[origin: WO2017002074A1] Gas turbine combustion systems and fuel cartridge assemblies are provided. An exemplary combustion system may comprise a combustor including one or more components, such as a cylindrical combustion liner, a flow sleeve, a main mixer, a radial inflow swirler, a combustor dome, and a fuel cartridge assembly. An exemplary fuel cartridge assembly may comprise first and second fuel manifolds which are connected to respective fuel circuits which supply fuel, such as liquid fuel, through a plurality of fuel passages within the fuel cartridge assembly or to other locations within an associated combustor. The fuel cartridge assembly may further include a plurality of fuel injector tips located at a tip plate of the fuel cartridge assembly through which fuel may be supplied to an associated combustor.

IPC 8 full level
F23R 3/16 (2006.01); **F23R 3/14** (2006.01); **F23R 3/28** (2006.01); **F23R 3/34** (2006.01); **F23R 3/54** (2006.01)

CPC (source: EP)
F23R 3/14 (2013.01); **F23R 3/16** (2013.01); **F23R 3/286** (2013.01); **F23R 3/34** (2013.01); **F23R 3/343** (2013.01); **F23R 3/54** (2013.01)

Citation (examination)

- GB 2336663 A 19991027 - ALSTOM GAS TURBINES LTD [GB]
- EP 2093488 A2 20090826 - INGERSOLL RAND ENERGY SYSTEMS [US]
- WO 2014130161 A2 20140828 - PARKER HANNIFIN CORP [US]
- US 5361578 A 19941108 - DONLAN JOHN P [US]

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US11859819B2

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 2017002074 A1 20170105; CN 107923618 A 20180417; CN 107923618 B 20210226; EP 3317585 A1 20180509; EP 3317585 B1 20210804

DOCDB simple family (application)
IB 2016053942 W 20160630; CN 201680050310 A 20160630; EP 16738874 A 20160630