

Title (en)

COMBUSTION CHAMBER OF A GAS TURBINE WITH SCREWED COMBUSTION CHAMBER HEAD

Title (de)

BRENNKAMMER EINER GASTURBINE MIT VERSCHRAUBTEM BRENNKAMMERKOPF

Title (fr)

CHAMBRE DE COMBUSTION D'UNE TURBINE A GAZ DOTEE DE TETE DE CHAMBRE DE COMBUSTION VISSEE

Publication

**EP 2966352 A1 20160113 (DE)**

Application

**EP 15175908 A 20150708**

Priority

DE 102014213302 A 20140709

Abstract (en)

[origin: US2016010869A1] A combustion chamber of a gas turbine having a head plate and a combustion chamber head, where the head plate is connected to the combustion chamber, and where several heat shields arranged in the interior of the combustion chamber are bolted to the head plate 6, characterized in that each heat shield and the combustion chamber head are fastened to the head plate by means of joint bolted connections.

Abstract (de)

Die Erfindung bezieht sich auf Brennkammer einer Gasturbine, mit einer Kopfplatte 6 und mit einem Brennerkopf 3, wobei die Kopfplatte 6 mit der Brennkammer 115 verbunden ist und wobei mehrere im Innenraum der Brennkammer 115 angeordnete Hitzeschilder 4 mit der Kopfplatte 6 verschraubt sind, dadurch gekennzeichnet, dass jedes Hitzeschild 4 und der Brennkammerkopf 3 mittels gemeinsamer Schraubverbindungen an der Kopfplatte 6 befestigt sind.

IPC 8 full level

**F23M 5/02** (2006.01); **F23R 3/00** (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP US)

**F23M 5/02** (2013.01 - EP US); **F23R 3/002** (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US); **F23M 2700/0053** (2013.01 - EP US); **F23R 2900/00017** (2013.01 - EP US)

Citation (applicant)

- US 6672067 B2 20040106 - FARMER GILBERT [US], et al
- US 2004045301 A1 20040311 - FARMER GILBERT [US], et al
- JP 2004101174 A 20040402 - GEN ELECTRIC
- US 5924288 A 19990720 - FORTUNA DOUGLAS M [US], et al
- EP 0550953 A1 19930714 - GEN ELECTRIC [US]

Citation (search report)

- [XYI] WO 03044433 A1 20030530 - VOLVO AERO CORP [SE], et al
- [Y] EP 1193451 A2 20020403 - ROLLS ROYCE DEUTSCHLAND [DE]
- [A] EP 0837286 A2 19980422 - BMW ROLLS ROYCE GMBH [DE]
- [A] US 2013247575 A1 20130926 - PATEL BHAWAN B [CA], et al

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)

**EP 2966352 A1 20160113**; DE 102014213302 A1 20160114; US 10012390 B2 20180703; US 2016010869 A1 20160114

DOCDB simple family (application)

**EP 15175908 A 20150708**; DE 102014213302 A 20140709; US 201514791662 A 20150706