

Title (en)
GAS TURBINE COMBUSTOR

Title (de)
GASTURBINENBRENNKAMMER

Title (fr)
CHAMBRE DE COMBUSTION DE TURBINE À GAZ

Publication
EP 2980483 A1 20160203 (EN)

Application
EP 15179363 A 20150731

Priority
JP 2014157350 A 20140801

Abstract (en)
A gas turbine combustor comprising a burner (18) including: a plurality of fuel nozzles (15) to supply a fuel (5); a fuel nozzle plate (14) to support end portions of the fuel nozzles structurally and being configured to distribute the fuel flowing from an upstream side to the fuel nozzles; and a swirler (13) including a plurality of air holes (21) to supply combustion air, wherein the fuel nozzle plate is provided with a fuel nozzle receiving hole to receive the fuel nozzle, and the fuel nozzle plate and the fuel nozzle inserted in the fuel nozzle receiving hole are connected to each other from an upstream side of the fuel nozzle plate by welding.

IPC 8 full level
F23R 3/28 (2006.01)

CPC (source: EP US)
F23R 3/283 (2013.01 - EP US); **F23R 3/286** (2013.01 - US); **F23R 2900/00018** (2013.01 - EP US)

Citation (applicant)

- JP 2013108667 A 20130606 - HITACHI LTD
- JP 2013053814 A 20130321 - KAWASAKI HEAVY IND LTD

Citation (search report)

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- [X] JP 2009014297 A 20090122 - HITACHI LTD
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- [A] US 2013168472 A1 20130704 - KRICHEVER ALEXANDER ILICH [US], et al
- [A] EP 2481986 A2 20120801 - HITACHI LTD [JP]
- [A] EP 2189720 A1 20100526 - SIEMENS AG [DE]

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EP3109556A1; EP3324121A1; CN108087906A; EP3263990A1; RU2665605C1; RU2665605C9; US11511378B2; US11300294B2; US10495313B2

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2980483 A1 20160203; EP 2980483 B1 20180919; CN 105318355 A 20160210; CN 105318355 B 20180316; JP 2016035336 A 20160317; JP 6301774 B2 20180328; US 2016033136 A1 20160204

DOCDB simple family (application)
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