

Title (en)

Gas turbine combustion chamber with ceramic flame tube

Title (de)

Gasturbinenbrennkammer mit keramischen Flammenrohr

Title (fr)

Chambre de combustion de turbine à gaz dotée d'un tube de flamme céramique

Publication

EP 2093487 A3 20131127 (DE)

Application

EP 09002226 A 20090217

Priority

DE 102008010294 A 20080221

Abstract (en)

[origin: EP2093487A2] The gas turbine combustion chamber has a cylindrical flame tube (2) which is made of a ceramic material and is circumferentially divided into multiple peripheral elements (10,11,12). Every peripheral element is connected by axial flanges (1,9) that are mounted using agile coupling elements (4).

IPC 8 full level

F23M 5/04 (2006.01); **F23R 3/00** (2006.01); **F23R 3/50** (2006.01)

CPC (source: EP US)

F23M 5/04 (2013.01 - EP US); **F23R 3/002** (2013.01 - EP US); **F23R 3/007** (2013.01 - EP US); **F23R 3/50** (2013.01 - EP US); **F23D 2212/10** (2013.01 - EP US)

Citation (search report)

- [XY] US 3854503 A 19741217 - NELSON T, et al
- [XAY] US 5333443 A 19940802 - HALILA ELY E [US]
- [Y] GB 543918 A 19420319 - BBC BROWN BOVERI & CIE

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Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2093487 A2 20090826; **EP 2093487 A3 20131127**; **EP 2093487 B1 20160817**; DE 102008010294 A1 20090827; US 2009235667 A1 20090924; US 8281598 B2 20121009

DOCDB simple family (application)

EP 09002226 A 20090217; DE 102008010294 A 20080221; US 37938009 A 20090219