

Title (en)

Arrangement with an annular gas turbine combustion chamber with a ceramic flame tube for an engine

Title (de)

Anordnung mit einer ringförmigen Gasturbinenbrennkammer mit keramischem Flammenrohr für ein Triebwerk

Title (fr)

Arrangement avec une chambre de combustion de turbine à gaz avec un tube de flamme céramique pour un moteur

Publication

EP 2093487 B1 20160817 (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

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

Cited by

DE102015226079A1

Designated contracting state (EPC)

DE FR GB

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