

Title (en)

COMBUSTION CHAMBER FOR A GAS TURBINE AND BURNER ARRANGEMENT

Title (de)

BRENNKAMMER FÜR EINE GASTURBINE UND BRENNERANORDNUNG

Title (fr)

CHAMBRE DE COMBUSTION POUR TURBINE À GAZ ET SYSTÈME DE BRÔLEURS

Publication

EP 2773907 A1 20140910 (DE)

Application

EP 12780155 A 20121019

Priority

- EP 11187285 A 20111031
- EP 2012070783 W 20121019
- EP 12780155 A 20121019

Abstract (en)

[origin: EP2587158A1] The combustion chamber has combustion zones (23,24) and a burner arrangement for combustion of a fuel-air mixture in the combustion zone. The burner arrangement comprises a pre-mixing passage (29) for providing a fuel-air mixture. The pre-mixing passage opens in the combustion zone. An air duct (32) and a fuel feed (33) open in the pre-mixing passage, where the air duct is provided with the burner arrangement.

IPC 8 full level

F23R 3/28 (2006.01); **F23R 3/34** (2006.01)

CPC (source: EP US)

F23R 3/28 (2013.01 - US); **F23R 3/286** (2013.01 - EP US); **F23R 3/346** (2013.01 - EP US); **F23R 2900/00014** (2013.01 - EP US)

Citation (search report)

See references of WO 2013064383A1

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)

EP 2587158 A1 20130501; CN 104024737 A 20140903; CN 104024737 B 20160406; EP 2773907 A1 20140910; US 2014260265 A1 20140918; WO 2013064383 A1 20130510

DOCDB simple family (application)

EP 11187285 A 20111031; CN 201280065621 A 20121019; EP 12780155 A 20121019; EP 2012070783 W 20121019; US 201214355467 A 20121019