

Title (en)

Combustion system for dampening such a combustion system

Title (de)

Brennersystem zur Dämpfung eines solchen Brennersystems

Title (fr)

Système de brûleur pour l'amortissement d'un tel système de brûleur

Publication

EP 2383515 B1 20130619 (DE)

Application

EP 10161306 A 20100428

Priority

EP 10161306 A 20100428

Abstract (en)

[origin: EP2383515A1] The burner system has two adjacent burners (7), where the former burner has a combustion chamber (6) and a head end. The latter burner has a fuel injection unit (55) and a fuel-air premix (56). Each burner has a cap with a cap side (150) and a cap upper side (170). Two burner-plenums (100) are provided with an acoustic connection (130). Independent claims are also included for the following: (1) a gas turbine with a compressor; and (2) a method for damping vibration of a burner system.

IPC 8 full level

F23R 3/28 (2006.01); **F23R 3/46** (2006.01); **F23R 3/54** (2006.01)

CPC (source: EP US)

F23M 20/005 (2015.01 - EP US); **F23R 3/286** (2013.01 - EP US); **F23R 3/46** (2013.01 - EP US); **F23R 3/54** (2013.01 - EP US); **F23R 2900/00014** (2013.01 - EP US)

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 SM TR

DOCDB simple family (publication)

EP 2383515 A1 20111102; **EP 2383515 B1 20130619**; CN 102472495 A 20120523; CN 102472495 B 20140709; JP 2013525737 A 20130620; JP 5409959 B2 20140205; RU 2012103903 A 20130810; RU 2541478 C2 20150220; US 2012291438 A1 20121122; US 8631654 B2 20140121; WO 2011134706 A1 20111103

DOCDB simple family (application)

EP 10161306 A 20100428; CN 201180003126 A 20110307; EP 2011053356 W 20110307; JP 2013506557 A 20110307; RU 2012103903 A 20110307; US 201113388347 A 20110307