

Title (en)

Combustor with thermo-acoustic vibrations dampening device

Title (de)

Brennkammer mit einer Dämpfungseinrichtung zur Dämpfung von thermoakustischen Schwingungen

Title (fr)

Chambre de combustion avec dispositif d'amortissement des vibrations thermo-acoustiques

Publication

EP 1605209 A1 20051214 (DE)

Application

EP 04013404 A 20040607

Priority

EP 04013404 A 20040607

Abstract (en)

The combustion chamber for a gas turbine has a cooled chamber element (7) and at least one damper to reduce thermo-acoustic vibrations. The damper has an opening (10) into the chamber and integrated into the chamber. The opening has a closure air inlet (18) to prevent egress of heated gases from the combustion chamber.

Abstract (de)

In einer erfindungsgemäße Brennkammer, insbesondere für eine Gasturbine, mit mindestens einem zu kühlenden Brennkammerelement (7) und wenigstens einer Dämpfungseinrichtung (6) zur Dämpfung thermoakustischer Schwingungen mit einer zur Brennkammer hin offenen Mündung (10) ist die Mündung (10) in das zu kühlende Brennkammerelement (7) integriert. <IMAGE>

IPC 1-7

F23R 3/60; **F23M 13/00**

IPC 8 full level

F23M 13/00 (2006.01); **F23M 20/00** (2014.01); **F23M 99/00** (2010.01); **F23R 3/00** (2006.01); **F23R 3/06** (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP)

F23M 20/005 (2015.01); **F23R 3/002** (2013.01); **F23R 3/06** (2013.01); **F23R 2900/00014** (2013.01); **F23R 2900/03041** (2013.01); **F23R 2900/03044** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

CH DE GB IT LI

DOCDB simple family (publication)

EP 1605209 A1 20051214; **EP 1605209 B1 20100804**; DE 502004011481 D1 20100916

DOCDB simple family (application)

EP 04013404 A 20040607; DE 502004011481 T 20040607