

Title (en)
Gas turbine combustion chamber

Title (de)
Gasturbinenbrennkammer

Title (fr)
Chambre de combustion de turbines à gaz

Publication
EP 2500648 B1 20130904 (DE)

Application
EP 11158268 A 20110315

Priority
EP 11158268 A 20110315

Abstract (en)
[origin: EP2500648A1] The chamber (1) has corrugated component (3) arranged on side of combustion chamber wall (2) facing away from combustion chamber interior over entire cross-sectional circumference of combustion chamber wall. The corrugated component has several separate resonance chambers (5) provided in the combustion chamber wall in combination with combustion chamber wall, such that fluidic connection is established between combustion chamber interior and resonance chambers. The corrugated component has two locking rings which are connected to combustion chamber wall to seal off resonance chambers.

IPC 8 full level
F23R 3/00 (2006.01)

CPC (source: EP US)
F23M 20/005 (2015.01 - EP US); **F23R 3/00** (2013.01 - EP US); **F23D 2210/00** (2013.01 - EP US); **F23R 2900/00014** (2013.01 - EP US)

Citation (examination)
FR 2191025 A1 19740201 - AEROSPATIALE [FR]

Cited by
US11204164B2; EP3601741B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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