

Title (en)
Combustion chamber

Title (de)
Brennkammer

Title (fr)
Chambre de combustion

Publication
EP 1473517 A1 20041103 (DE)

Application
EP 03009942 A 20030430

Priority
EP 03009942 A 20030430

Abstract (en)
The combustion chamber (4) for a gas turbine and has for the inner wall (24) a lining formed by a number of heat shield elements (26), and with several temperature sensors (28) installed between the combustion chamber wall and heat shield elements. The temperature sensors are formed as a component extended along a length, and are installed in a slot (30) extending in the circumferential direction in the chamber wall. The temperature sensors may be formed as electrically conducting fusible wire. An independent claim is included for a gas turbine equipped with the proposed combustion chamber.

Abstract (de)
Eine Brennkammer (4) für eine Gasturbine (1), deren Brennkammerwand (24) innenseitig mit einer von einer Anzahl von Hitzeschildelementen (26) gebildeten Auskleidung versehen ist, soll für eine besonders hohe betriebliche Sicherheit ausgelegt sein. Dazu befindet sich erfindungsgemäß zwischen Brennkammerwand (24) und Hitzeschildelementen (26) ein oder eine Anzahl von Temperatursensoren (28). <IMAGE>

IPC 1-7
F23R 3/00; **F23M 5/00**; **F01D 21/12**

IPC 8 full level
F23M 5/00 (2006.01); **F23R 3/00** (2006.01); **F23N 5/14** (2006.01)

CPC (source: EP US)
F23M 5/00 (2013.01 - EP US); **F23R 3/002** (2013.01 - EP US); **F23N 5/14** (2013.01 - EP US); **F23N 2231/10** (2020.01 - EP US); **F23N 2231/16** (2020.01 - EP US); **F23N 2241/20** (2020.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1473517 A1 20041103; EP 1618337 A1 20060125; US 2006207263 A1 20060921; US 7299634 B2 20071127; WO 2004097301 A1 20041111

DOCDB simple family (application)
EP 03009942 A 20030430; EP 04725678 A 20040405; EP 2004003584 W 20040405; US 55403305 A 20051020