

Title (en)

Heat Shield Element and Combustion Chamber with a Heat Shield

Title (de)

Hitzeschildelement und Brennkammer mit einem Hitzeschild

Title (fr)

Élément de bouclier thermique et chambre de combustion avec un bouclier thermique

Publication

EP 1715249 A1 20061025 (DE)

Application

EP 05008520 A 20050419

Priority

EP 05008520 A 20050419

Abstract (en)

The heat shield element (1) for lining combustion chambers containing hot gases incorporates a working surface provided with grooves (9) and/or protrusions (12). An independent claim is also included for a combustion chamber provided with a lining of the proposed heat shield elements, in particular, for a gas turbine installation.

IPC 8 full level

F23R 3/00 (2006.01)

CPC (source: EP)

F23R 3/007 (2013.01); **F23M 2900/05004** (2013.01)

Citation (search report)

- [A] US 2003140632 A1 20030731 - DAILEY GEOFFREY M [GB], et al
- [A] EP 0419487 B1 19941123 - SIEMENS AG [DE]
- [A] DE 19950417 A1 20010426 - ABB PATENT GMBH [DE]
- [A] EP 1072573 A1 20010131 - SIEMENS AG [DE]

Cited by

DE102019212039A1; CN105531542A; EP2068082A1; CN105324611A; DE102016206188A1; US9702561B2; WO2013135702A3; WO2014187659A1; WO2020200568A1; WO2009071395A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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