

Title (en)

HEAT SHIELD ARRANGEMENT FOR A HIGH TEMPERATURE GAS CONVEYING COMPONENT, IN PARTICULAR FOR A GAS TURBINE COMBUSTION CHAMBER

Title (de)

HITZESCHILDANORDNUNG FÜR EINE EIN HEISSGAS FÜHRENDE KOMPONENTE, INSBESONDERE FÜR EINE BRENNKAMMER EINER GASTURBINE

Title (fr)

ENSEMBLE BOUCLIER THERMIQUE POUR UN COMPOSANT ACHEMINANT UN GAZ CHAUD, NOTAMMENT POUR UNE CHAMBRE DE COMBUSTION DE TURBINE À GAZ

Publication

**EP 1654495 A1 20060510 (DE)**

Application

**EP 04763361 A 20040720**

Priority

- EP 2004008116 W 20040720
- EP 03018415 A 20030813
- EP 04763361 A 20040720

Abstract (en)

[origin: EP1507116A1] The heat shield for gas turbine combustion chambers comprises a series of tiles (26A, 26B) arranged side-by-side with gaps (45) between. These are mounted on a support plate (31) and enclose chambers (37) for cooling gas. The gaps between the plates form outlets (43) for coolant (K). Independent claims are included for: (a) combustion chambers fitted with the heat shield; and (b) gas turbines incorporating the combustion chamber.

IPC 1-7

**F23R 3/00**; **F23M 5/02**; **F23M 5/08**

IPC 8 full level

**F23M 5/02** (2006.01); **F23M 5/08** (2006.01); **F23R 3/00** (2006.01)

CPC (source: EP US)

**F23M 5/02** (2013.01 - EP US); **F23M 5/085** (2013.01 - EP US); **F23R 3/002** (2013.01 - EP US); **F23R 2900/00012** (2013.01 - EP US)

Citation (search report)

See references of WO 2005019730A1

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CH DE ES GB IT LI

DOCDB simple family (publication)

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