

Title (en)

THERMAL SHIELDING BRICK FOR LINING A COMBUSTION CHAMBER WALL, COMBUSTION CHAMBER AND A GAS TURBINE

Title (de)

HITZESCHILDSTEIN ZUR AUSKLEIDUNG EINER BRENNKAMMERWAND, BRENNKAMMER SOWIE GASTURBINE

Title (fr)

PIERRE SERVANT DE BOUCLIER THERMIQUE POUR GARNIR UNE PAROI DE CHAMBRE DE COMBUSTION, CHAMBRE DE COMBUSTION ET TURBINE A GAZ CORRESPONDANTES

Publication

**EP 1660833 A2 20060531 (DE)**

Application

**EP 04763502 A 20040726**

Priority

- EP 2004008357 W 20040726
- EP 03019093 A 20030822
- EP 04763502 A 20040726

Abstract (en)

[origin: EP1508761A1] A gas turbine combustion chamber has a heat shield tile with a core surrounded by an edge capping material. The heat conductivity of the edge capping material is lower than that of the ceramic core material. Also claimed is a gas turbine engine combustion chamber with a heat shield and a commensurate gas turbine engine.

IPC 1-7

**F27D 1/00**

IPC 8 full level

**F23M 5/00** (2006.01); **F23R 3/00** (2006.01); **F27D 1/00** (2006.01)

CPC (source: EP US)

**F23M 5/00** (2013.01 - EP US); **F23R 3/007** (2013.01 - EP US); **F27D 1/0006** (2013.01 - EP US); **F27D 1/0033** (2013.01 - EP US); **F23M 2900/05004** (2013.01 - EP US)

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