

Title (en)
HEAT SHIELD ELEMENT

Title (de)
HITZESCHILDELEMENT

Title (fr)
ECRAN THERMIQUE

Publication
EP 1836442 A1 20070926 (DE)

Application
EP 05821767 A 20051215

Priority

- EP 2005056814 W 20051215
- EP 04029874 A 20041216
- EP 05821767 A 20051215

Abstract (en)
[origin: EP1672281A1] Heat shield element has wall (3) that is provided with hot face (5) which can be impinged upon by a hot medium (M) and coolant (K) distribution system (9) which is assigned to the cold face (7). Plurality of cooling ducts (11) are provided within wall which extend along hot face and are fluidically connected to distribution system. Independent claims are also included for the following: (A) Combustion chamber; and (B) Gas turbine.

IPC 8 full level
F23R 3/00 (2006.01)

CPC (source: EP US)
F23R 3/005 (2013.01 - EP US); **F23R 2900/03044** (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
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EP 04029874 A 20041216; EP 05821767 A 20051215; EP 2005056814 W 20051215; US 79319505 A 20051215