

Title (en)
Heat shield for a gas turbine

Title (de)
Hitzeschild für eine Gasturbine

Title (fr)
Bouclier thermique pour turbine à gaz

Publication
EP 1048822 B1 20060517 (DE)

Application
EP 00810216 A 20000315

Priority
DE 19919654 A 19990429

Abstract (en)
[origin: EP1048822A2] At the heat shield for a gas turbine, cooling drillings (27,28) are in both longitudinal sides of the heat shield segments. Cooling air passes through the drillings from the hollow space between the paired arms (21-24) into the radial gap (29,30) betwe the longitudinal sides of the heat shield segments (17) and the neighboring outer (14) and intermediate (15) rings, to prevent t entry of hot gases from the hot gas channel (11) entering the gaps (29,30).

IPC 8 full level
F01D 25/12 (2006.01); **F01D 11/08** (2006.01); **F01D 11/24** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)
F01D 11/24 (2013.01 - EP US); **F01D 25/12** (2013.01 - EP US)

Cited by
EP1927725A3; EP1225305A3; FR3112806A1; US7997856B2; WO2008128876A1; JP2008138667A

Designated contracting state (EPC)
DE GB

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EP 00810216 A 20000315; DE 19919654 A 19990429; DE 50012746 T 20000315; US 55156500 A 20000418