

Title (en)

HEAT-SHIELD ARRANGEMENT, ESPECIALLY FOR STRUCTURAL COMPONENTS OF GAS TURBINE PLANTS

Title (de)

HITZESCHILDANORDNUNG, INSBESONDERE FÜR STRUKTURTEILE VON GASTURBINENANLAGEN

Title (fr)

SYSTEME DE BOUCLIER THERMIQUE, NOTAMMENT POUR ELEMENTS STRUCTURAUX D'INSTALLATIONS A TURBINE A GAZ

Publication

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Application

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Priority

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Abstract (en)

[origin: DE19623300A1] The object of the invention is a heat-shield arrangement to protect a bearing structure (1) from a hot fluid, with an inner cladding (2a) of heat-resistant material and composed of plate-like heat-shield components (2) arranged side-by-side leaving gaps (2b) and anchored to the bearing structure (1) in a manner allowing heat circulation by bolts (4). The heat-shield components (2) are made of a non-eroding and non-corroding material. Between each heat-shield component (2) and the bearing structure (1) is fitted an insulating block (3) of a fireproof ceramic.

IPC 1-7

F23R 3/00; **F27D 1/04**; **F27D 1/14**; **F23M 5/04**

IPC 8 full level

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