

Title (en)
COMPONENT THAT CAN BE SUBJECTED TO HOT GAS, ESPECIALLY A TURBINE BLADE

Title (de)
HEISSGASBEAUFSCHLAGBARES BAUTEIL, INSBESONDERE TURBINENSCHAUFEL

Title (fr)
COMPOSANT, NOTAMMENT AUBE DE TURBINE, POUVANT ETRE EXPOSE A UN GAZ CHAUD

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Abstract (en)
[origin: WO0100965A1] The invention relates to a component (10) that can be subjected to a hot gas, especially a turbine blade. At least one channel (13) is provided. Said channel can be subjected to a cooling fluid and is delimited by two first walls (16, 17), which face each other and have turbulators (20, 21) with the same direction of inclination. The turbulators (20) of the first wall (16) have a different angle of inclination (alpha) in relation to a direction of flow (22) of the cooling fluid to the turbulators (21) of the second wall (17) in order to avoid constrictions (23).

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