Title (en)
STATOR HEAT SHIELD

Title (de)
STATORHITZESCHILD

Title (fr)
ÉCRAN THERMIQUE DE STATOR

Publication
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Application
EP 08735874 A 20080407

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Abstract (en)
[origin: WO2008128876A1] The present invention relates to a stator heat shield (6) for a gas turbine (1), comprising an outer side (11) which, in the installed state, faces a hot gas path (9) of the gas turbine (1), an inner side (12) facing away from the outer side (11), multiple ribs which are formed at the inner side (12) and which, in the installed state, extend axially with respect to an axis of rotation (8) of a rotor (3) of the gas turbine (1) and which are at a distance from one another in the circumferential direction, at least one splash plate (14) which is disposed at the inner side (12) and which lies on the ribs (13), at least one groove (16) which is formed in a front face (15) which forms the boundary of the stator heat shield (6) in the circumferential direction and into which at least one sealing element (18) can be inserted, and multiple boreholes (19) which terminate at a distance from one another in the direction to the outer side (11), with one end at the inner side (12) and the other end at the front face (15) of the groove (16), and which are at a distance from one another in the axial direction.

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Citation (search report)
See references of WO 2008128876A1

Cited by
US10309251B2; US11168702B2; WO2014150182A1

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