

Title (en)

STATOR ASSEMBLY FOR A GAS TURBINE AND GAS TURBINE COMPRISING SAID STATOR ASSEMBLY

Title (de)

STATORANORDNUNG FÜR EINE GASTURBINE UND GASTURBINE MIT DER STATORANORDNUNG

Title (fr)

ENSEMBLE STATOR POUR UNE TURBINE À GAZ ET TURBINE À GAZ COMPRENANT LEDIT ENSEMBLE STATOR

Publication

EP 4230844 A1 20230823 (EN)

Application

EP 23170966 A 20191104

Priority

- EP 23170966 A 20191104
- EP 19425077 A 20191104

Abstract (en)

A stator assembly (22) for a gas turbine comprising is provided with:• a stator ring (24), which extends about a longitudinal axis (A) and comprises an inner edge and an outer edge (29); the outer edge being provided with an annular groove (30); the annular groove (30) defining a leading wall (34) and a trailing wall (35); the trailing wall (34) being provided with an annular trailing radial face (36a) and with an annular trailing axial face (36b);• a plurality of stator vanes (25) radially arranged and coupled alongside one another to the outer edge (29) of the stator ring (24) so as to close the annular groove (30) and define an annular cooling channel (32);the stator ring (24) being provided with at least one trailing cooling hole (39) having an inlet (40) facing the annular cooling channel (32) and an outlet (41) arranged on the annular trailing radial face (36b).

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

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Designated contracting state (EPC)

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