

Title (en)

GAS TURBINE HAVING A SEALING ELEMENT IN THE AREA OF THE VANE RING OR OF THE MOVING BLADE RING OF THE TURBINE PART

Title (de)

GASTURBINE MIT EINEM DICHTUNGSELEMENT IM BEREICH DES LEITSCHAUFELKRANZES ODER DES LAUFSCHAUFELKRANZES DES TURBINENTEILS

Title (fr)

TURBINE A GAZ COMPRENANT UN ELEMENT D'ETANCHEITE AU NIVEAU DE LA COURONNE D'AUBES FIXES OU DE LA COURONNE D'AUBES MOBILES DE LA PARTIE TURBINE

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Abstract (en)

[origin: WO2005019602A1] The invention relates to a gas turbine (1). The aim of the invention is to provide an axial sealing between a vane ring (11) and a moving blade ring (13), which has an excellent sealing effect, is easy to install and inexpensive to produce. For this purpose, a sealing element (35) is used that extends across at least a fourth of the hot gas channel circumference. Preferably, said sealing element extends across approximately half the circumference and is inserted in grooves of the vane support (79) and the vane platforms.

IPC 8 full level

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