

Title (en)

STRIP SEAL, ANNULAR SEGMENT AND METHOD FOR A GAS TURBINE

Title (de)

STREIFENDICHTUNG, RINGSEGMENT UND VERFAHREN FÜR EINE GASTURBINE

Title (fr)

JOINT D'ÉTANCHÉITÉ EN BANDE, SEGMENT ANNULAIRE ET PROCÉDÉ POUR UNE TURBINE À GAZ

Publication

EP 3653844 A1 20200520 (EN)

Application

EP 18206450 A 20181115

Priority

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Abstract (en)

The present invention relates to a strip seal (200) for use in a gas turbine, in particular for sealing the gap between adjacent turbine vane platforms (320), comprising an elongated main body (220) defining a longitudinal direction, the main body (220) comprising first and second ends (221, 222) delimiting the main body (220) along the longitudinal direction, and a cavity (240) defined by the main body (220). The strip seal (200) further comprises a locking member (260) projecting away from the main body (220) and may be resiliently deformed to be contained in said cavity (240). The strip seal (200) may be maintained in a linear track (362) being formed in a turbine vane platform (320) having a recess (366) for receiving said locking member (260). Thereby, assembly of the vane ring may be faster and more convenient and the strip seal (200) may be recovered in substantially undamaged condition.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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