

Title (en)

Turboengine with sealing segments and guide vane segments

Title (de)

Strömungsmaschine mit Dichtsegmenten und Leitschaufelsegmenten

Title (fr)

Turbomachine avec segments d'étanchéité et segments d'aube directrice

Publication

**EP 2826962 B1 20160622 (DE)**

Application

**EP 13176503 A 20130715**

Priority

EP 13176503 A 20130715

Abstract (en)

[origin: US2015016969A1] A turbomachine includes a sealing segment ring that is provided between a front guide vane row and a back guide vane row for sealing a radial gap between a casing section and a rotor blade row rotating between the guide vane rows, wherein the sealing segment ring has a plurality of identical sealing segments and at least one of the guide vane rows has a plurality of identical guide vane segments, wherein the sealing segments each have a plurality of engagement sites lying adjacent to one another in the peripheral direction for interaction with securing elements of this guide vane row, wherein the engagement sites and securing elements are distributed uniformly over the periphery and the engagement sites are a multiple of the securing elements, a sealing element, and a guide vane segment.

IPC 8 full level

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CPC (source: EP US)

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