

Title (en)

WEAR RESISTANT GAS TURBINE ENGINE AIRSEAL ASSEMBLY

Title (de)

ABRIEBFESTE LAGERUNG EINES DICHRINGES IN EINER GASTURBINE

Title (fr)

ENSEMBLE DE JOINT D'ETANCHEITE A L'AIR RESISTANT A L'USURE POUR TURBINE A GAZ

Publication

EP 0815353 B1 20000126 (EN)

Application

EP 96909676 A 19960313

Priority

- US 9603410 W 19960313
- US 40422495 A 19950315

Abstract (en)

[origin: WO9628642A1] An airseal assembly (54) for a gas turbine engine (10) includes an airseal body (62) with a forward rail (68) and a ring rail (58). Both rails extend radially outward from the airseal body (62) and are spaced apart from each other by a plurality of spacers (60) to define a space therebetween. The airseal assembly (54) is segmented in at least two portions so that the forward rail (68) and the ring rail (58) are detached from each other. Each rail (68, 58) includes a contact surface (70, 80) that can be sprayed with wear resistant coating prior to assembly of the airseal in order to reduce wear on the forward rail (68) and the ring rail (58).

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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