

Title (en)

SEAL CARRIER FOR A TURBOMACHINE, HAVING SLOT-LIKE OPENINGS IN THE SEAL BODY

Title (de)

DICHTUNGSTRÄGER FÜR EINE TURBOMASCHINE MIT SCHLITZARTIGEN ÖFFNUNGEN IM DICHTUNGSKÖRPER

Title (fr)

SUPPORT D'ÉTANCHÉITÉ CONÇU POUR UNE TURBOMACHINE COMPORTANT DES OUVERTURES DE TYPE FENTES DANS LE CORPS D'ÉTANCHÉITÉ

Publication

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Application

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Abstract (en)

[origin: WO2021110191A1] The invention relates to a seal carrier (50) for a turbomachine, in particular a gas turbine, having a carrier base (52) and at least one seal body (54), wherein the at least one seal body (54) is connected to the carrier base (52) and wherein the at least one seal body (54) is formed by a plurality of cavities (56) arranged next to one another, in particular uniformly, in the peripheral direction (UR) and in the axial direction (AR), wherein the cavities (54) extend out from the carrier base (52) in the radial direction (RR) and are delimited by a cavity wall (58). According to the invention, the seal body (54) has a plurality of damping portions (62) which are designed to locally damp or disrupt the flow of force in the seal body, wherein the carrier base (52) is continuous in the region of the damping portions (62).

IPC 8 full level

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Citation (search report)

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