

Title (en)

HEAT ACCUMULATION SEGMENT FOR SEALING A FLOW CHANNEL OF A TURBINE ENGINE

Title (de)

WÄRMESTAUSEGMENT ZUM ABDICHTEN EINES STRÖMUNGSKANALS EINER STRÖMUNGSROTATIONSMASCHINE

Title (fr)

SEGMENT D'ACCUMULATION DE CHALEUR SERVANT A RENDRE ETANCHE UN CANAL D'ECOULEMENT D'UNE TURBOMACHINE

Publication

EP 1861584 B1 20110309 (DE)

Application

EP 06725191 A 20060321

Priority

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Abstract (en)

[origin: US7665957B2] A heat shield arrangement for local separation of a flow channel within a turbine engine, with respect to a stator housing radially surrounding the flow channel is provided. The heat shield includes two axially opposite joining contours which are each engageable with two components which are axially adjacent along the flow channel. Each provides a complementary reception contour for the joining contours. At least one of the reception contours has an axial clearance, in which the associated joining contour is axially displaceably mounted. At least one seal is provided between the axially displaceable joining contour and the reception contour. The seal is mounted movably within the reception contour or the joining contour in such a way that the seal is deflectable against a surface region of the reception contour or of the joining contour.

IPC 8 full level

F01D 25/24 (2006.01); **F01D 11/00** (2006.01)

CPC (source: EP KR US)

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