

Title (en)

Device and method for reducing the pressure on a dividing fugue between at least two neighbouring sections

Title (de)

Vorrichtung und Verfahren zur Reduzierung des Drucks auf eine Trennfuge zwischen wenigstens zwei Begrenzungsteilen

Title (fr)

Dispositif et procédé de réduction de la pression sur un joint de séparation entre au moins deux éléments de limitation

Publication

EP 2161415 B1 20160727 (DE)

Application

EP 09166731 A 20090729

Priority

DE 102008045657 A 20080903

Abstract (en)

[origin: EP2161415A2] The turbine has two delimiting parts (1, 2) attached to each other to form a joint (3) e.g. butt joint or cross joint, and enclosing a part of a pressure chamber. A shielding element (5) i.e. split seal, is provided on a side facing towards the pressure chamber, and is arranged against the delimiting parts to cover the joint and to form a cavity (6) between the delimiting parts and the shielding element. A line is routed into the cavity and connected to another pressure chamber. A set of flow restrictors controls a pressure level within the line, a preheating line and a cooling steam line. An independent claim is also included for a method for decreasing a force acting on a joint and for reducing attachment forces acting on the joint.

IPC 8 full level

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CPC (source: EP US)

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