

Title (en)

JOINT SYSTEM FOR REDUCING A SEALING SPACE IN A ROTARY GAS TURBINE

Title (de)

DICHTUNGSANORDNUNG ZUR DICHTSPALTREDUZIERUNG INNERHALB EINER STRÖMUNGSROTATIONSMASCHINE

Title (fr)

SYSTÈME DE JOINT DESTINÉ À RÉDUIRE UN ESPACE D'ÉTANCHÉITÉ DANS UNE TURBOMACHINE ROTATIVE

Publication

**EP 1448874 B1 20071226 (DE)**

Application

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Priority

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- IB 0203862 W 20020919

Abstract (en)

[origin: WO03027445A1] The invention concerns a joint system for reducing a sealing space in a rotary gas turbine, preferably an axial gas turbine, comprising mobile blades and guide blades respectively arranged in rows and provided with roots (2, 3) projecting in fixing contours inside said rows. The inventive joint system is characterized in that a joint element (4) made of plastically deformable material is arranged between at least two adjacent roots (2, 3) along one row, or between a root (2, 3) of a mobile or guide blade and a component of the rotary gas turbine, immediately adjacent to the root.

IPC 8 full level

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