

Title (en)
ROTOR END

Title (de)
ROTOR-SCHLUSS

Title (fr)
FERMETURE DE ROTOR

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Abstract (en)
[origin: WO2005085599A1] The invention relates to a rotor-end for rotors (11) of thermal turbo machines, comprising a peripheral groove (10). The inventive rotor end consists of two end halves (1, 1') having lateral surfaces (3, 3') which are opposite each other when in a built-in state and adjacent covering surfaces (6, 6'). The lateral surfaces (3, 3') of the rotor halves (1, 1') are connected in a positive fit by means of a dovetail suspension. Said rotor end also consists of an entire end intermediate piece (2) provided with a covering surface (7). Both of the suspended end halves (1, 1') are rigidly connected to the entire end intermediate piece (2) by means of a welding seam (9) in the region of the covering surfaces (6, 6', 7). The solid anchoring of the rotor end (1), obtained in said manner, prevents detachment during operation and also the above-mentioned damage to the turbo machine.

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