

Title (en)

FASTENING OF THE BLADES OF A COMPRESSION MACHINE

Title (de)

BEFESTIGUNG DER BESCHAUFELUNG EINER STRÖMUNGSMASCHINE

Title (fr)

FIXATION D'AUBES SUR UNE TURBOMACHINE

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Application

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Abstract (en)

[origin: WO0171165A1] According to the invention, the blades (1, 11, 12, 13, 1n) of a turbine or of a compressor are fastened inside a groove (8) on the rotor (6) or stator of the turbine or compressor by means of blade bases (4), whereby no play or a pretensioning prevails between the base plate (3) and/or the blade base (4). In addition, adjacent blades (1, 11, 12, 13, 1n) are reciprocally supported in this manner against torsional moments (12) and not or only negligibly on the rotor (6) or stator. This is made possible, for example, by the provision of a beveling (9).

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