

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

Publication

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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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**WO 0171165 A1 20010927**; AU 3948501 A 20011003; CN 1313708 C 20070502; CN 1423725 A 20030611; CZ 20023152 A3 20030618; CZ 298200 B6 20070718; DE 10014189 A1 20010927; DE 50104883 D1 20050127; EE 04689 B1 20060815; EE 200200542 A 20040415; EP 1266129 A1 20021218; EP 1266129 B1 20041222; PL 199066 B1 20080829; PL 357310 A1 20040726; RU 2311537 C2 20071127; UA 73765 C2 20050915; US 2003143077 A1 20030731; US 6830435 B2 20041214

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