

Title (en)
TURBINE COMPRISING AT LEAST ONE ROTOR THAT CONSISTS OF ROTOR DISKS AND A TIE BOLT

Title (de)
TURBINE MIT MINDESTENS EINEM ROTOR BESTEHEND AUS ROTORSCHLEIBEN UND EINEM ZUGANKER

Title (fr)
TURBINE ÉQUIPÉE D'UN ROTOR COMPOSÉ DE DISQUES ROTORIQUES ET D'UN HAUBAN

Publication
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Application
EP 08716885 A 20080215

Priority

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Abstract (en)
[origin: EP1970533A1] The turbine (1) has a rotor (2) with blades (4) arranged on a periphery of disks (5) in radial planes (3), and a tie rod (6) extending along slots (7) in the disks. An annular spacer (15, 15') fixes a position of the tie rod relative to a center line (M) of the disks, and is arranged in a channel (10, 11). The spacer has through-openings, which are arranged radially relative to the tie rod or to its center line, and extend coaxially. The channel carries cooling medium and is limited by a separating pipe (13, 14) radially outwards, and the through-openings serve for flow of the medium.

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