

Title (en)
TURBOMACHINE

Title (de)
TURBOMASCHINE

Title (fr)
TURBOMACHINE

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Abstract (en)
[origin: WO2005059312A2] The invention relates to a turbo machine, more particularly a gas turbine. The turbomachine has a stator and a rotor, wherein the rotor has blades (21) and the stator has a housing (20) and stationary guide blades (17), wherein said guide blades (17) form guide blade crowns (11, 12) adjoining the housing (20) with ends (18) located radially on the outside and the rotor with ends located radially on the inside. The guide blade crowns are spoke-centered with the aid of bearing journals or guide pins (24) assigned to the housing (20) and penetrating said housing (20). According to the invention, the guide pins (24) extend approximately perpendicular to the housing (20), wherein the ends (26) of the guide pins (24) penetrating the housing engage in the forked elements (27) assigned to the ends (18) located radially on the outside of the guide blade crowns (11, 12).

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