Title (en)

TURBOMACHINE ROTOR WITH A MEANS FOR AXIAL RETENTION OF THE BLADES

Title (de)

TURBOMASCHINENROTOR MIT MITTEL ZUR AXIALBEFESTIGUNG DER SCHAUFELN

Title (fr)

ROTOR DE TURBOMACHINE AVEC MOYEN DE RETENUE AXIALE DES AUBES

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Application

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Abstract (en)

[origin: WO2012150425A1] The invention relates to a rotor of a turbomachine, such as a multi-flow turbojet engine fan, having a disc (4) comprising, on the rim thereof, substantially axial slots with a dovetailed cross-section, and blades (6) mounted individually in the slots, an axial wedge (143) being positioned between the root of the blades and the bottom of the slots, and a transverse lock (144) providing upstream axial immobilization of the blades in the slot thereof, the lock being guided in radial notches formed in the flanks of the slots and radially supported against the wedge. The rotor is characterized in that the axial wedge (143) is immobilised in the upstream direction, butting up against a transverse annular component (145) secured to the disc (4).

IPC 8 full level

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