

Title (en)

ROTOR DISC WITH AXIAL RETENTION OF THE BLADES, ASSEMBLY OF A DISC AND A RING, AND TURBOMACHINE

Title (de)

ROTORSCHEIBE MIT AXIALER HALTERUNG DER SCHAUFELN, ANORDNUNG EINER SCHEIBE UND EINES RINGES UND TURBOMASCHINE

Title (fr)

DISQUE DE ROTOR AVEC ARRET AXIAL DES AUBES, ENSEMBLE D'UN DISQUE ET D'UN ANNEAU ET TURBOMACHINE

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Application

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Abstract (en)

[origin: WO2020049238A1] The invention relates to a rotor disc (36) for a turbomachine (10), the disc (36) extending circumferentially about an axis (A) and having a plurality of cells (60) configured to receive the roots of blades (58), each cell (60) having a downstream radial wall (64) configured to axially lock the blade root (58) in the cell (60), each downstream radial wall (64) comprising a ventilation channel (66) for the cell (60) having an inlet orifice (68), which opens into the cell (60), and an outlet orifice (70), which opens onto a downstream surface of the disc (36). The invention also relates to an assembly for a turbomachine, comprising such a disc (36) and an upstream retaining ring, and to a turbomachine comprising such an assembly.

IPC 8 full level

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