

Title (en)

TURBINE WHEEL HAVING AN AXIAL RETAINING RING LOCKING THE BLADES IN RELATION TO A DISC

Title (de)

TURBINENRAD MIT AXIALEM HALTERING ZUR BLOCKIERUNG DER SCHAUFELN IM VERHÄLTNIS ZU EINER SCHEIBE

Title (fr)

ROUE DE TURBINE EQUIPEE D'UN JONC DE RETENUE AXIALE VERROUILLANT DES PALES PAR RAPPORT A UN DISQUE

Publication

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Application

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Abstract (en)

[origin: WO2011045520A1] The invention relates to a turbine wheel (10) having an axis of rotation (X), including: a disc (12) having a periphery and a side surface (12a); a plurality of blades (14) mounted on the disc, each of the blades comprising a blade root (20) and a first radially oriented hook (22) defining a first groove (24) that opens radially towards the axis of rotation of the turbine wheel; the disc comprising a series of second radially oriented hooks (26) defining a second groove (28) that opens radially towards the axis of rotation of the turbine wheel. The invention is characterised in that an axial retaining ring (30) to be placed in the first and second grooves comprises a stop (32) to be placed between two adjacent blade roots so as to limit the azimuthal movements of the ring.

IPC 8 full level

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