Title (en)

TURBINE WHEEL PROVIDED WITH AN AXIAL RETENTION DEVICE THAT LOCKS BLADES IN RELATION TO A DISK

Title (de)

TURBINENRAD MIT EINER AXIALRÜCKHALTEVORRICHTUNG, DIE SCHAUFELN BEZÜGLICH EINER SCHEIBE VERRIEGELT

Title (fr)

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

Publication

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Application

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Abstract (en)

[origin: WO2010067024A2] The present invention relates to a turbine wheel, including: a plurality of blades (14), each blade having a profile (144); a platform (142) and a clip (140); a disk (12), on the periphery of which the blades (14) are mounted, the clip of each blade being inserted into a recess (120) that opens into the periphery of the disk, and axially extending between two opposite surfaces (128, 130) of the disk, the recesses being separated by teeth (121); and a device (16) for axially retaining the blades. The disk comprises a first stopping member (126), and the platform of said blade comprises a projection (150) that axially projects beyond one of the surfaces of the disk. Said projection comprises a second stopping member (146). The axial projection, the second stopping member, and said surface of the disk form a groove that is oriented towards the disk axis (A), said groove being intended to receive the axial retention device.

IPC 8 full level

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Citation (search report)

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