

Title (en)
FASTENING OF BLADES

Title (de)
BEFESTIGUNG VON LAUFSCHAUFELN

Title (fr)
FIXATION D'AUBES

Publication
EP 1402151 B1 20060621 (DE)

Application
EP 02732401 A 20020425

Priority
• DE 0201509 W 20020425
• DE 10128505 A 20010614

Abstract (en)
[origin: WO02103166A1] The fastening of blades on a disc of a turbomachine with blade bases, which have a mirror symmetric cross-section with projections, with axial disc grooves that hold the blade bases in a positive manner and with one riveted joint per blade for each axial fixing. Each blade base and the disc have, in the area of each blade base, axial extensions, whereby the extensions of the blade and disk are located opposite one another in pairs. One respective boring, which lies in a radial plane relative to the disc axis, is provided half in the extension of the blade and half in the extension of the disc, and a rivet is inserted into each boring while being fixed by plastic deformation.

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