

Title (en)

BLADE, IMPELLER AND TURBO MACHINE; METHOD OF MANUFACTURING THE BLADE

Title (de)

SCHAUFEL, LAUFRAD UND TURBOMASCHINE SOWIE VERFAHREN ZUR HERSTELLUNG DER SCHAUFEL

Title (fr)

AUBE, ROUE À AUBES ET TURBOMACHINE; PROCÉDÉ DE FABRICATION DE L'AUBE

Publication

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Application

EP 14827829 A 20141212

Priority

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Abstract (en)

[origin: CA2933628A1] Blade intended for a turbomachine impeller comprising N blades. At one end, the blade has a platform formed integrally with an airfoil of the blade. Over part of the axial extent of the blade, a section on a plane perpendicular to the axis (X) of the impeller of the flow path of the platform consists mainly of two straight-line segments arranged respectively on the two sides of the airfoil. These segments form, on each side of the airfoil, an angle of 90°-180°/N with respect to the radial direction. Figure 3.

IPC 8 full level

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CPC (source: EP US)

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