

Title (en)

Centrifugal turbine, in particular impeller wheel, comprising radial rotor blades and an auxiliary turbine.

Title (de)

Zentrifugalturbine, insbesondere Schleuderrad, mit einem Radialblätter aufweisenden Rotor und einer Hilfsturbine.

Title (fr)

Turbine centrifuge, notamment turbine de grenailage, comportant un rotor à pales radiales et une turbine auxiliaire.

Publication

EP 0337883 A1 19891018 (FR)

Application

EP 89401008 A 19890412

Priority

FR 8804893 A 19880413

Abstract (en)

The centrifugal turbine according to the present invention is essentially characterised in that its rotor (3) possesses on one of its faces a circular groove (11) concentric with it; in that the blades (5) of its rotor are formed by an insert (14) having an anterior face and a posterior face which are mutually parallel, and by a flared foot projecting on the anterior and posterior faces of the corresponding insert, the foot of the blades having a length substantially equal to the width of the groove and a height substantially equal to the depth thereof; and in that sectors (18) fixed in the groove each extend substantially flush with the faces opposite two successive blades, the ends of these sectors being in contact with the parts facing the feet which they cover and which have a shape complementary to their own. <IMAGE>

IPC 1-7

B24C 5/06

IPC 8 full level

B24C 5/06 (2006.01)

CPC (source: EP)

B24C 5/062 (2013.01)

Citation (search report)

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- [Y] DE 1677143 B1 19690911 - BADISCHE MASCHF GMBH
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