

Title (en)

Drum rotor for impulse steam turbine with blades mounted in axial grooves

Title (de)

Trommelrotor für Impulsdampfturbine mit Schaufeln montiert in Längsnuten

Title (fr)

Rotor tambour pour turbine à vapeur à action avec montage des ailettes dans des rainures longitudinales

Publication

EP 0551229 B1 19961127 (FR)

Application

EP 93400019 A 19930107

Priority

- FR 9200122 A 19920108
- FR 9200948 A 19920129

Abstract (en)

[origin: EP0551229A1] Drum rotor for an impulse steam turbine with the blades mounted in longitudinal grooves, and impulse steam turbine including such a rotor. <??>Drum rotor for an impulse steam turbine including movable wheels consisting of blades the roots of which, provided with flared parts, are immobilised in grooves made in the rotor, characterised in that the grooves are longitudinal over at least part of the rotor (6) and in that the roots (8) of the blades (9) of a movable wheel (10) are separated from the roots (8) of the blades (9) of a neighbouring movable wheel (10) by spacers (12). <??>Preferably, the diaphragms (15) are single-piece. <??>Optimum filling of grooves and better joining of the cap pieces of the blades. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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