

Title (en)

Drum rotor for an axial turbine.

Title (de)

Trommelrotor für axial durchströmte Turbomaschine.

Title (fr)

Rotor à tambour pour turbine axiale.

Publication

EP 0520260 B1 19940413 (DE)

Application

EP 92109960 A 19920613

Priority

CH 192391 A 19910628

Abstract (en)

[origin: JPH05187201A] PURPOSE: To provide a rotor in which axial difference and asymmetrical deformation of a first groove fitted with a blade reduce to the corresponding quantity of a second blade groove. CONSTITUTION: A circumferential spare groove 0 that is not provided with blades is located upstream of a first blade groove 1 arranged for a first blade row. And the spare groove is fitted with axially split closing segments 24.

IPC 1-7

F03B 3/12; **F01D 5/06**

IPC 8 full level

F01D 5/02 (2006.01); **F01D 5/06** (2006.01); **F01D 5/10** (2006.01); **F01D 25/00** (2006.01)

CPC (source: EP US)

F01D 5/06 (2013.01 - EP US); **F01D 5/10** (2013.01 - EP US)

Cited by

EP0707136A1; US5575623A

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0520260 A1 19921230; **EP 0520260 B1 19940413**; DE 59200115 D1 19940519; JP H05187201 A 19930727; US 5232336 A 19930803

DOCDB simple family (application)

EP 92109960 A 19920613; DE 59200115 T 19920613; JP 16942092 A 19920626; US 90466892 A 19920626