

Title (en)

Locking device for rotorblades in axial turbines

Title (de)

Rückhaltevorrichtung für Rotorschaufeln einer Axialturbomaschine

Title (fr)

Dispositif de verrouillage des aubes dans une turbine axiale

Publication

**EP 1120545 B1 20061018 (DE)**

Application

**EP 00118862 A 20000831**

Priority

DE 19960896 A 19991217

Abstract (en)

[origin: DE19960896A1] The retaining device has blade receivers (12) for the blades (4), fixing them radially, and a closed retainer (1) to fix them axially. A locking device (19) fixes the retainer axially. The retainer has recesses in its outer circumference corresponding to sections of the blade receivers, and also raised sectors (17).

IPC 8 full level

**F01D 5/30** (2006.01); **F01D 5/32** (2006.01); **F01D 11/00** (2006.01)

CPC (source: EP US)

**F01D 5/3015** (2013.01 - EP US); **F01D 5/326** (2013.01 - EP US)

Cited by

EP1357254A3; EP1096107A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**DE 19960896 A1 20010628**; DE 50013633 D1 20061130; EP 1120545 A2 20010801; EP 1120545 A3 20040114; EP 1120545 B1 20061018; US 6488473 B1 20021203

DOCDB simple family (application)

**DE 19960896 A 19991217**; DE 50013633 T 20000831; EP 00118862 A 20000831; US 66614500 A 20000920