

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