

Title (en)
Locking element for turbine rotor blades

Title (de)
Schloss für Laufschaufeln eines Turbinenläufers

Title (fr)
Élément de verrouillage pour des aubes de turbine

Publication
EP 0965729 A3 20001227 (DE)

Application
EP 99108999 A 19990506

Priority
DE 19826897 A 19980617

Abstract (en)
[origin: EP0965729A2] The lock (2) has a filler part (5) with a contour matching the blade foot (12) supported against a bearer edge (3) in the turbine blade (1) via a fitting part. A protrusion (4) in the base region of the lock provides axial support for the filler part. The fitting part has a slot into which a wedge can be pressed to spread the fitting part.

IPC 1-7
F01D 5/32

IPC 8 full level
F01D 5/30 (2006.01); **F01D 5/32** (2006.01); **F04D 29/26** (2006.01)

CPC (source: EP US)
F01D 5/3038 (2013.01 - EP US); **F01D 5/32** (2013.01 - EP US)

Citation (search report)

- [DY] DE 3028701 A1 19820225 - AEG KANIS TURBINEN [DE]
- [Y] DE 19619317 A1 19971120 - VOITH HYDRO GMBH [DE]
- [A] GB 659592 A 19511024 - SULZER AG

Cited by
CN106089317A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0965729 A2 19991222; EP 0965729 A3 20001227; EP 0965729 B1 20040107; AT E257547 T1 20040115; CZ 216299 A3 20000216; CZ 294271 B6 20041110; DE 19826897 A1 19991223; DE 59908226 D1 20040212; PT 965729 E 20040531; US 6135717 A 20001024

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