

Title (en)  
Rotor blade locking means

Title (de)  
Schloss zur Sicherung von Laufschaufeln

Title (fr)  
Dispositif de blocage d'aubes à attaches marteau sur un disque

Publication  
**EP 1164251 B1 20060104 (FR)**

Application  
**EP 01401535 A 20010614**

Priority  
FR 0007610 A 20000615

Abstract (en)  
[origin: EP1164251A1] The fixing for turbine blades with hammer shaped roots set in a turbine disc groove (2) and inserted through a loading aperture has a body (15) located between the roots of two adjacent blades and with its base (20) located over the bottom of the groove. The body of the fixing has a transverse radial aperture of non-circular section for a locking element (16) adjusted and fixed in place by a screw (17), the head of which is held between the base of the body and the bottom of the groove.

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

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

Cited by  
CN104481594A; FR2973066A1; CN103726885A; RU2633308C2; KR100779289B1; EP1321630A3; EP3696380A1; FR2973067A1; FR2973068A1; WO2012110735A1; WO2012131227A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 1164251 A1 20011219; EP 1164251 B1 20060104**; CA 2349692 A1 20011215; CA 2349692 C 20090113; DE 60116460 D1 20060330; DE 60116460 T2 20060907; ES 2251446 T3 20060501; FR 2810366 A1 20011221; FR 2810366 B1 20021011; JP 2002021504 A 20020123; JP 4043733 B2 20080206; RU 2222700 C2 20040127; UA 57883 C2 20030715; US 2001055527 A1 20011227; US 6464463 B2 20021015; WO 0196711 A1 20011220

DOCDB simple family (application)  
**EP 01401535 A 20010614**; CA 2349692 A 20010605; DE 60116460 T 20010614; ES 01401535 T 20010614; FR 0007610 A 20000615; FR 0101843 W 20010614; JP 2001180381 A 20010614; RU 2002106732 A 20010614; UA 200232075 A 20010614; US 88076401 A 20010615