

Title (en)

Device for fixing blades to the rotor

Title (de)

Vorrichtung zur Schaufelbefestigung an einem Rotor

Title (fr)

Dispositif de fixation d'aubes sur un rotor

Publication

EP 1457642 A3 20060726 (DE)

Application

EP 04100742 A 20040225

Priority

DE 10310432 A 20030311

Abstract (en)

[origin: EP1457642A2] A rotor locking mechanism fits in a rotor's axial direction between first (7) and second (7') rotating blades. First (4) and second (4') locking halves each fasten on both adjacent rotating blades with first (8), second (8'), third (9) and fourth (9') clips in the rotor's axial direction.

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); **F01D 5/323** (2013.01 - US)

Citation (search report)

- [X] CH 223599 A 19420930 - HERMES PATENTVERWERTUNGS GMBH [DE]
- [X] DD 271243 A3 19890830 - GOERLITZER MASCHINENBAU VEB [DD]
- [X] EP 1215367 A2 20020619 - ALSTOM POWER NV [NL]

Cited by

EP1803900A1; EP1698758A3; EP1698759A3; EP2868868A1; RU2655428C2; US7338258B2; US8157531B2; WO2007077183A1; US8157530B2; WO2015067395A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1457642 A2 20040915; EP 1457642 A3 20060726; EP 1457642 B1 20090401; AT E427412 T1 20090415; CN 1534167 A 20041006; CN 1534167 B 20100526; DE 10310432 A1 20040923; DE 502004009253 D1 20090514; US 2004179945 A1 20040916; US 7192256 B2 20070320

DOCDB simple family (application)

EP 04100742 A 20040225; AT 04100742 T 20040225; CN 200410035258 A 20040311; DE 10310432 A 20030311; DE 502004009253 T 20040225; US 79270804 A 20040305