

Title (en)

Locking apparatus for an axial retention ring of a blade

Title (de)

Blockierungsvorrichtung einen axialen Retentionsring einer Schaufel

Title (fr)

Dispositif d'immobilisation d'un anneau de rétention axiale d'une aube

Publication

EP 1760259 A3 20070801 (FR)

Application

EP 06119582 A 20060825

Priority

FR 0552636 A 20050831

Abstract (en)

[origin: EP1760259A2] The device has three successive immobilization hooks (62, 64, 66), and a pair of stops (30) positioned on a same side of a retention ring (20). The stops are positioned such that the stops are stopped respectively against the immobilization hooks (62, 66), and a slot (24), provided in the ring, is covered by the immobilization hook (64) when the retention ring is placed in a groove (22) defined by the hooks. An independent claim is also included for a retention ring/rotor disk assembly.

IPC 8 full level

F01D 5/32 (2006.01); **F01D 5/02** (2006.01); **F01D 5/30** (2006.01)

CPC (source: EP US)

F01D 5/3015 (2013.01 - EP US)

Citation (search report)

- [A] US 4221542 A 19800909 - ACRES RONALD C, et al
- [AD] FR 2729709 A1 19960726 - SNECMA [FR]
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- [A] US 5320492 A 19940614 - BOURU MICHEL A [FR], et al

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FR3000763A1; FR2974142A1; FR2989992A1; EP2918785A1; US9129390B2; US10138741B2; US9689278B2

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1760259 A2 20070307; **EP 1760259 A3 20070801**; **EP 1760259 B1 20081015**; CA 2558028 A1 20070228; CA 2558028 C 20130813; DE 602006003156 D1 20081127; FR 2890105 A1 20070302; RU 2006131299 A 20080310; RU 2413847 C2 20110310; US 2009136349 A1 20090528; US 7540714 B1 20090602

DOCDB simple family (application)

EP 06119582 A 20060825; CA 2558028 A 20060828; DE 602006003156 T 20060825; FR 0552636 A 20050831; RU 2006131299 A 20060830; US 46699406 A 20060824