

Title (en)

Locking apparatus for an axial retention ring of a blade

Title (de)

Blockierungsvorrichtung für einen axialen Retentionsring einer Schaufel

Title (fr)

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

Publication

EP 1760259 B1 20081015 (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)

Cited by

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

Designated contracting state (EPC)

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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