

Title (en)

Anti-rotation means for turbine stator vanes in the split plane of the casing

Title (de)

Verdrehsicherung für Turbinenstatorschaufeln in der Gehäusetrennebene

Title (fr)

Arrêt en rotation des secteurs d'aubes de redresseurs dans les plans de joint du carter

Publication

EP 1515002 B1 20061018 (FR)

Application

EP 04292079 A 20040824

Priority

FR 0310647 A 20030910

Abstract (en)

[origin: EP1515002A1] The device has a bar (26) comprising an end (23) slide in a groove of a housing (30-1) and an end (25) inserted in a groove of a housing (30-2). The end (25) has end arms (28, 29) respectively comprising axial surfaces (28-1, 29-1) contacting axial surface (31-2) of the housing (30-2). The end (23) has an axial surface (24) contacting an axial surface (31-1) of the housing (30-1). An independent claim is also included for a turbo-machine comprising a rotation stopping device.

IPC 8 full level

F01D 9/02 (2006.01); **F01D 9/04** (2006.01); **F01D 25/24** (2006.01); **F04D 29/52** (2006.01)

CPC (source: EP US)

F01D 9/042 (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

EP 1515002 A1 20050316; **EP 1515002 B1 20061018**; CA 2478890 A1 20050310; CA 2478890 C 20120103; DE 602004002823 D1 20061130; DE 602004002823 T2 20070823; ES 2271807 T3 20070416; FR 2859509 A1 20050311; FR 2859509 B1 20060113; JP 2005083388 A 20050331; JP 4056508 B2 20080305; RU 2004127166 A 20060220; RU 2293187 C2 20070210; UA 79771 C2 20070725; US 2005079047 A1 20050414; US 7059832 B2 20060613

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EP 04292079 A 20040824; CA 2478890 A 20040901; DE 602004002823 T 20040824; ES 04292079 T 20040824; FR 0310647 A 20030910; JP 2004262740 A 20040909; RU 2004127166 A 20040909; UA 20040907393 A 20040909; US 92599604 A 20040826