

Title (en)

Antirotation support system for the nozzle sector of a turbomachine

Title (de)

Stützträger für den Statorring einer Turbomaschine

Title (fr)

Dispositif d'arrêt en rotation d'un secteur porteur d'aubes fixes dans une virole d'une turbomachine

Publication

EP 1306525 B1 20061220 (FR)

Application

EP 02292633 A 20021024

Priority

FR 0113780 A 20011025

Abstract (en)

[origin: EP1306525A1] The rotational stop assembly has the sectors of the flow aligner guide vanes retained against tangential rotational and sliding movements in the leaves of the shroud by stop pins (30). These extend through bores (32) in extensions of the components. The pins are retained by flexible joints or tongues (31).

IPC 8 full level

F01D 21/04 (2006.01); **F01D 25/24** (2006.01); **F01D 9/04** (2006.01)

CPC (source: EP US)

F01D 9/042 (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US); **F05B 2260/301** (2013.01 - EP US)

Cited by

CN104047541A; FR2989725A1; US11788435B2; WO2005111380A1; WO2021094406A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 1306525 A1 20030502; **EP 1306525 B1 20061220**; CA 2464126 A1 20030501; CA 2464126 C 20110531; DE 60216874 D1 20070201; DE 60216874 T2 20070802; ES 2273983 T3 20070516; FR 2831600 A1 20030502; FR 2831600 B1 20040102; JP 2005506485 A 20050303; JP 4256778 B2 20090422; RU 2004115731 A 20050520; RU 2297539 C2 20070420; UA 79757 C2 20070725; US 2004240992 A1 20041202; US 7018173 B2 20060328; WO 03036050 A1 20030501

DOCDB simple family (application)

EP 02292633 A 20021024; CA 2464126 A 20021024; DE 60216874 T 20021024; ES 02292633 T 20021024; FR 0113780 A 20011025; FR 0203645 W 20021024; JP 2003538534 A 20021024; RU 2004115731 A 20021024; UA 20040403044 A 20021024; US 48986704 A 20040324