

Title (en)

DAMPING ARRANGEMENT FOR GUIDE VANES

Title (de)

DÄMPFUNGSANORDNUNG FÜR LEITSCHAUFELN

Title (fr)

SYSTEME AMORTISSEUR POUR AUBES DIRECTRICES

Publication

**EP 1714006 B1 20140115 (DE)**

Application

**EP 05714933 A 20050204**

Priority

- DE 2005000182 W 20050204
- DE 102004006706 A 20040211

Abstract (en)

[origin: DE102004006706A1] Damping arrangement for vanes (28), especially for vanes of a gas turbine or aircraft engine, comprises at least one spring element (34) in the form of a leaf spring arranged between an inner shroud (31) of the vanes and a seal support (32). Preferred Features: The spring element is arranged in a cavity of small radial height between the inner shroud of the vanes and the seal support.

IPC 8 full level

**F01D 5/26** (2006.01); **F01D 5/22** (2006.01); **F01D 9/04** (2006.01); **F01D 11/00** (2006.01)

CPC (source: EP US)

**F01D 5/22** (2013.01 - EP US); **F01D 5/26** (2013.01 - EP US); **F01D 9/042** (2013.01 - EP US); **F01D 11/001** (2013.01 - EP US); **F05D 2240/70** (2013.01 - EP US); **F05D 2240/80** (2013.01 - EP US); **F05D 2260/96** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**DE 102004006706 A1 20050825**; CA 2555578 A1 20050825; EP 1714006 A1 20061025; EP 1714006 B1 20140115; US 2008019836 A1 20080124; US 8105016 B2 20120131; WO 2005078242 A1 20050825

DOCDB simple family (application)

**DE 102004006706 A 20040211**; CA 2555578 A 20050204; DE 2005000182 W 20050204; EP 05714933 A 20050204; US 58916005 A 20050204