

Title (en)

DAMPER FOR DAMPING VIBRATIONS OF A TUBE IN A HOLLOW STRUT OF A GAS TURBINE ENGINE AND HUB STRUT CASE WITH SUCH A DAMPER

Title (de)

DÄMPFER ZUR DÄMPFUNG VON SCHWINGUNGEN EINES ROHRES IN EINER HOHLEN STREBE EINES GASTURBINENTRIEBWERKS UND STÜTZRAHMEN MIT EINEM SOLCHEN DÄMPFER

Title (fr)

AMORTISSEUR PERMETTANT D'AMORTIR LES VIBRATIONS D'UN TUBE DANS UNE ENTRETOISE CREUSE D'UN MOTEUR À TURBINE À GAZ ET CADRE D'ENTRETOISE AVEC UN TEL AMORTISSEUR

Publication

**EP 3517737 A1 20190731 (EN)**

Application

**EP 18153738 A 20180126**

Priority

EP 18153738 A 20180126

Abstract (en)

The present invention relates to a damper (1) for damping vibrations of a tube (2) in a strut (3) of a gas turbine engine, characterised in that it comprises: a fixing part (4) for fixing the damper (1) to the tube (2), the fixing part being shaped substantially in a form of a portion of a cylinder surface, a contact part (5) for contacting the strut inner wall, the contact part (5) being in a form of a curved surface, and a middle part (6) connecting the fixing part (4) and the contact part (5), the middle part (6) being substantially in a form of a cone surface portion.

IPC 8 full level

**F01D 9/06** (2006.01); **F01D 25/04** (2006.01); **F01D 25/16** (2006.01)

CPC (source: EP)

**F01D 9/065** (2013.01); **F01D 25/04** (2013.01); **F01D 25/162** (2013.01); **F05D 2230/54** (2013.01); **F05D 2260/96** (2013.01)

Citation (search report)

- [XY] FR 3050229 A1 20171020 - SNECMA [FR]
- [Y] FR 3051854 A1 20171201 - SNECMA [FR]
- [A] US 5284011 A 19940208 - VON BENKEN JOHN D [US]
- [A] US 4972671 A 19901127 - ASSELIN JEAN-CLAUDE [FR], et al

Cited by

GB2574107A; GB2574107B; US10934884B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3517737 A1 20190731**

DOCDB simple family (application)

**EP 18153738 A 20180126**