

Title (en)

BEARING ARRANGEMENT IN A GAS TURBINE AIRCRAFT ENGINE

Title (de)

LAGERANORDNUNG IN EINEM GASTURBINENFLUGTRIEBWERK

Title (fr)

SYSTEME DE PALIERS DANS UN GROUPE MOTOPROPULSEUR DE TURBINE A GAZ

Publication

EP 1848877 A1 20071031 (DE)

Application

EP 06705934 A 20060208

Priority

- DE 2006000209 W 20060208
- DE 102005007776 A 20050219

Abstract (en)

[origin: WO2006086945A1] The invention relates to a bearing arrangement, especially for a gas turbine aircraft engine, said arrangement comprising a first bearing ring (11) which is fixed and on the stator side, and a second bearing ring (12) which is rotatable and on the rotor side. Rolling bodies (13) are arranged between the stator-side bearing ring (11) and the rotor-side bearing ring (12). Transducers for determining the position of the stator-side bearing ring (11), and actuators (21) for influencing the position of the stator-side bearing ring (11), are associated with the stator-side bearing ring (11).

IPC 8 full level

F01D 11/22 (2006.01); **F01D 17/02** (2006.01); **F01D 25/16** (2006.01)

CPC (source: EP US)

F01D 11/22 (2013.01 - EP US); **F01D 17/02** (2013.01 - EP US); **F01D 25/16** (2013.01 - EP US); **F02C 7/06** (2013.01 - EP US); **F16C 23/08** (2013.01 - EP US); **F05D 2270/66** (2013.01 - EP US); **F16C 2360/23** (2013.01 - EP US)

Citation (search report)

See references of WO 2006086945A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 2006086945 A1 20060824; DE 102005007776 A1 20060831; EP 1848877 A1 20071031; US 2009226306 A1 20090910

DOCDB simple family (application)

DE 2006000209 W 20060208; DE 102005007776 A 20050219; EP 06705934 A 20060208; US 81661806 A 20060208