

Title (en)  
SLEEVE FOR TURBINE BEARING STACK

Title (de)  
HÜLSE FÜR EINEN TURBINENLAGERSTAPEL

Title (fr)  
MANCHON POUR PILE DE PALIER DE TURBINE

Publication  
**EP 2867499 A4 20150923 (EN)**

Application  
**EP 13809881 A 20130625**

Priority  
• US 201213538507 A 20120629  
• US 2013047595 W 20130625

Abstract (en)  
[origin: WO2014004491A1] A support bearing arrangement comprises a gas turbine rotor shaft, a bearing stack, a bearing sleeve, and a support bearing. The bearing stack comprises a fore seal plate, and aft seal plate, and a bearing mount situated axially between the fore and aft seal plates. The bearing sleeve surrounds at least a portion of the rotor shaft, and is configured to form an insulating air gap between the rotor shaft and the bearing stack. The support bearing is mounted on the bearing mount to couple the gas turbine rotor shaft to a stationary structure, thereby centering and retaining the gas turbine rotor shaft.

IPC 8 full level  
**F02C 7/06** (2006.01); **F01D 25/16** (2006.01); **F02C 7/32** (2006.01)

CPC (source: EP US)  
**F01D 25/16** (2013.01 - EP US)

Citation (search report)  
• [XPI] EP 2479406 A2 20120725 - UNITED TECHNOLOGIES CORP [US]  
• [XI] EP 1132578 A2 20010912 - GEN ELECTRIC [US]  
• [XI] EP 2365185 A2 20110914 - UNITED TECHNOLOGIES CORP [US]  
• See references of WO 2014004491A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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DOCDB simple family (publication)  
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