

Title (en)

GAS TURBINE ENGINE SHAFT BEARING CONFIGURATION

Title (de)

KONFIGURATION EINES WELLENLAGERS FÜR EINE GASTURBINE

Title (fr)

CONFIGURATION DE PALIER D'ARBRE DE MOTEUR À TURBINE À GAZ

Publication

EP 3027877 A4 20170405 (EN)

Application

EP 14831206 A 20140619

Priority

- US 201361860329 P 20130731
- US 201314012576 A 20130828
- US 2014043175 W 20140619

Abstract (en)

[origin: WO2015017041A1] A gas turbine engine includes a core housing that includes an inlet case and an intermediate case that respectively provide an inlet case flow path and an intermediate case flow path. A first shaft supports a low pressure compressor section that is arranged axially between the inlet case flow path and the intermediate case flow path. A first bearing supports the first shaft relative to the inlet case. A second bearing supports a second shaft relative to the intermediate case. A low pressure compressor hub is mounted to the first shaft. The low pressure compressor hub extends to the low pressure compressor section between the first bearing and the second bearing.

IPC 8 full level

F02K 3/04 (2006.01)

CPC (source: EP)

F01D 25/162 (2013.01); **F02C 7/06** (2013.01); **F02K 3/06** (2013.01); **F05D 2250/232** (2013.01); **F05D 2260/40311** (2013.01); **Y02T 50/60** (2013.01)

Citation (search report)

- [X] US 8402741 B1 20130326 - MERRY BRIAN D [US], et al
- [X] US 2012257960 A1 20121011 - REINHARDT GREGORY E [US], et al
- [XI] EP 2597292 A2 20130529 - UNITED TECHNOLOGIES CORP [US]
- [X] EP 0203881 A1 19861203 - UNITED TECHNOLOGIES CORP [US]
- See references of WO 2015017041A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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