

Title (en)

BEARING COMPARTMENT WITH INTEGRATED FLUID LINES

Title (de)

LAGERGEHÄUSE MIT INTEGRIERTEN FLÜSSIGKEITSLEITUNGEN

Title (fr)

COMPARTIMENT DE PALIER À CONDUITES DE FLUIDE INTÉGRÉES

Publication

**EP 2989299 A4 20170118 (EN)**

Application

**EP 14787796 A 20140421**

Priority

- US 201361814708 P 20130422
- US 2014034843 W 20140421

Abstract (en)

[origin: WO2014176178A1] A turbine module comprises a turbine shaft, a rotor assembly secured to the shaft, a bearing assembly rotatably supporting the turbine shaft, a bearing housing containing the bearing assembly, and a bearing compartment containing the bearing housing. A bearing compartment wall has at least one integral fluid supply passage in fluid communication with the bearing housing. The at least one integral fluid passage extends generally longitudinally through the bearing compartment wall.

IPC 8 full level

**F01D 25/16** (2006.01); **F01D 25/18** (2006.01); **F02C 7/06** (2006.01); **F04D 29/046** (2006.01); **F04D 29/06** (2006.01)

CPC (source: EP US)

**F01D 7/00** (2013.01 - US); **F01D 25/16** (2013.01 - EP US); **F01D 25/18** (2013.01 - US); **F05D 2230/72** (2013.01 - EP US)

Citation (search report)

- [X1] US 4086759 A 19780502 - KARSTENSEN KARL W, et al
- [A] EP 1936123 A2 20080625 - UNITED TECHNOLOGIES CORP [US]
- See references of WO 2014176178A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2014176178 A1 20141030**; EP 2989299 A1 20160302; EP 2989299 A4 20170118; US 2016069211 A1 20160310

DOCDB simple family (application)

**US 2014034843 W 20140421**; EP 14787796 A 20140421; US 201414785094 A 20140421