

Title (en)

Method and apparatus for mitigating out of roundness effects at a turbine

Title (de)

Verfahren und Vorrichtung zur Minderung von Rundheitsabweichungen bei einer Turbine

Title (fr)

Procédé et appareil pour atténuer les effets des déviations de la rondeur au niveau d'une turbine

Publication

EP 2674580 A1 20131218 (EN)

Application

EP 13171178 A 20130610

Priority

US 201213493435 A 20120611

Abstract (en)

A turbine and a method of mitigating out-of-roundness effects at a turbine is disclosed. An inner turbine shell and an outer turbine shell of the turbine is provided. The inner turbine shell is coupled to the outer turbine shell using a ring insert. The ring insert is segmented into a plurality of ring insert segments (302) that reduce a transfer of load from the outer turbine shell to the inner turbine shell to mitigate out-of-roundness of the inner turbine shell.

IPC 8 full level

F01D 25/26 (2006.01)

CPC (source: EP US)

F01D 25/26 (2013.01 - EP US); **F05D 2230/642** (2013.01 - EP US); **Y10T 29/49234** (2015.01 - EP US)

Citation (search report)

- [X] US 1873743 A 19320823 - DORAN JOHN H
- [X] US 4078812 A 19780314 - BECKERSHOFF WOLFGANG
- [X] GB 229627 A 19260114 - JAN KIESWETTER
- [X] EP 2378088 A2 20111019 - GEN ELECTRIC [US]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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