

Title (en)

Gas turbine rotor with an axially displaceable turbine shaft

Title (de)

Gasturbinenrotor mit einer axial verschiebblichen Turbinenrotorwelle

Title (fr)

Rotor de turbine à gaz avec un arbre de turbine réglable axialement

Publication

EP 2601383 A1 20130612 (DE)

Application

EP 11740864 A 20110720

Priority

- EP 10171951 A 20100805
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Abstract (en)

[origin: EP2415966A1] The drive train has compressor rotor shaft (100) and turbine rotor shaft (200) connected by coupling unit (310). The coupling unit is formed so that frictional connection is provided when two rotor shafts are shifted from each other. The end of compressor rotor shaft is extended with respect to turbine rotor shaft, so that the compressor rotor shaft is overlapped in axial direction, and the elongated end (210) of turbine rotor shaft connected with compressor rotor shaft in radial direction.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012016830A1

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DOCDB simple family (publication)

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