

Title (en)

Gas turbine and corresponding gas or steam turbine plant

Title (de)

Gasturbine und zugehörige Gas- bzw. Dampfturbinenanlage

Title (fr)

Turbine à gaz et moteur à turbine à gaz associé

Publication

EP 2347101 B1 20130703 (DE)

Application

EP 09827201 A 20090915

Priority

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Abstract (en)

[origin: EP2189630A1] The gas turbine has a set of hollow cone-shaped or hollow cylindrical components e.g. vane support (16), arranged coaxially inside one another. One of the components includes elliptical-shaped cross-sectional surface in an idle state. Lengths of major and minor axes of the elliptical-shaped cross-sectional surface are selected in such a manner that the component includes a circular cross-sectional surface by thermal deformation in an operating state. The component includes an upper segment (24) and a lower segment (26).

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

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