

Title (en)
Gas turbine

Title (de)
Gasturbine

Title (fr)
Turbine à gaz

Publication
EP 2224101 A1 20100901 (DE)

Application
EP 09002892 A 20090227

Priority
EP 09002892 A 20090227

Abstract (en)
The gas turbine (1) has a flow directing device (34) arranged in a flow channel (24) downstream of a turbine unit (6) in a flowing medium side. The flow directing device is pivotable during operation of the gas turbine and includes an actuator device provided for aligning a position of a pivoting joint (38). The flow directing device includes a flow directing grid (36) with a number of flow directing sheets (40), which are arranged perpendicular to the grid. Each sheet includes multiple segments placed at a distance from each other in a flow direction.

Abstract (de)
Eine Gasturbine (1) mit einer einer Turbineneinheit (6) strömungsmediumsseitig nachgeschalteten, in einem Strömungskanal (24) angeordneten Strömungsleitvorrichtung (34), soll bei größtmöglicher betrieblicher Sicherheit und Lebensdauer einen besonders hohen Wirkungsgrad aufweisen. Dazu ist die Strömungsleitvorrichtung (34) im Betrieb der Gasturbine (1) schwenkbar.

IPC 8 full level
F01D 17/16 (2006.01); **F01D 25/30** (2006.01)

CPC (source: EP)
F01D 17/16 (2013.01); **F01D 25/30** (2013.01); **F05D 2220/72** (2013.01); **F05D 2250/411** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

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