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)
   • [X] EP 0863364 A2 19980909 - ABB COMBUSTION ENGINEERING S P [IT]
   • [X] CH 175761 A 19350315 - SPONTAN AB [SE]
   • [X] US 5301500 A 19940412 - HINES WILLIAM R [US]
   • [X] US 5329970 A 19940719 - SQUIRRELL ANTON F [CH]
   • [X] EP 0538918 A1 19930428 - KOUDIJS PHILIP RIJK [NL]
   • [X] US 2008063516 A1 20080313 - FRIDSMA DANIEL E [US]
   • [X] EP 1970539 A1 20080917 - SIEMENS AG [DE]
   • [A] SU 487242 A1 19751005
   • [A] DE 2953333 C1 19831124 - KH POLT I IM V I LENINA [SU]

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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