

Title (en)
GAS TURBINE COMPRISING A TURBINE VANE CARRIER

Title (de)
GASTURBINE MIT EINEM TURBINENSCHAUFELTRÄGER

Title (fr)
TURBINE À GAZ ÉQUIPÉE D'UN SUPPORT D'AUBES DE TURBINE

Publication
EP 3421727 A1 20190102 (EN)

Application
EP 17179138 A 20170630

Priority
EP 17179138 A 20170630

Abstract (en)
Gas turbine for power plants, the gas turbine (1) having an axis (7) and comprising a compressor (2), a combustor (3) and a turbine (5); the turbine (5) comprising an inner rotor (4) provided with a plurality of blades (6) and an outer vane carrier (9) provided with a plurality of vanes (8) axially interposed between the blades (6); the vane carrier (9) comprising a casing (10) having an upstream end (11); the vane carrier (9) moreover comprising a circumferential front ring (13) centered at the axis (7) and coupled to the upstream end (11) of the casing (10) by a circumferential rail coupling (14).

IPC 8 full level
F01D 9/04 (2006.01); **F01D 25/24** (2006.01); **F01D 25/26** (2006.01)

CPC (source: CN EP)
F01D 9/041 (2013.01 - CN EP); **F01D 25/243** (2013.01 - EP); **F01D 25/265** (2013.01 - EP); **F05D 2230/642** (2013.01 - EP); **F05D 2240/14** (2013.01 - EP); **F05D 2260/30** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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