Title (en)

METHOD FOR OPERATING A GAS TURBINE IN THE CASE OF LOAD SHEDDING, A DEVICE FOR CONTROLLING THE OPERATION OF A GAS TURBINE AND A POWER PLANT

Title (de)

VERFAHREN ZUM BETREIBEN EINER GASTURBINE BEI LASTABWURF, VORRICHTUNG ZUM REGELN DES BETRIEBS EINER GASTURBINE SOWIE KRAFTWERK

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UNE TURBINE À GAZ EN CAS DE DÉLESTAGE BRUSQUE, DISPOSITIF DE RÉGULATION DU FONCTIONNEMENT D'UNE TURBINE À GAZ ET CENTRALE CORRESPONDANTE

Publication

EP 2627883 A1 20130821 (DE)

Application

EP 11781771 A 20111031

Priority

- EP 10193132 A 20101130
- EP 2011069099 W 20111031
- EP 11781771 A 20111031

Abstract (en)

[origin: EP2458180A1] The method involves burning fuel (F) with combustion air in a combustion chamber (22) of the gas turbine (12), such that combustion air is supplied through an air supply line (28) and fuel is supplied through a fuel line (26). The compression air is additionally supplied from a compressor (20) to combustion chamber in order to reduce overspeed of the gas turbine rotor (16) during load control or emergency shutdown condition. Independent claims are included for the following: (1) device for controlling operation of gas turbine; and (2) power plant.

IPC 8 full level

F02C 9/46 (2006.01); **F02C 7/232** (2006.01); **F02C 9/28** (2006.01)

CPC (source: EP US)

F02C 7/232 (2013.01 - EP US); **F02C 9/00** (2013.01 - US); **F02C 9/28** (2013.01 - EP US); **F02C 9/46** (2013.01 - EP US); F05D 2270/021 (2013.01 - EP US); F05D 2270/091 (2013.01 - EP US); F05D 2270/092 (2013.01 - EP US)

Citation (search report)

See references of WO 2012072352A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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