

Title (en)

METHOD FOR OPERATING A GAS AND STEAM TURBINE SYSTEM FOR FREQUENCY ASSISTANCE

Title (de)

VERFAHREN ZUM BETRIEB EINER GAS- UND DAMPFTURBINENANLAGE FÜR DIE FREQUENZSTÜTZUNG

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UNE INSTALLATION À TURBINE À GAZ ET TURBINE À VAPEUR POUR LA STABILISATION DE LA FRÉQUENCE

Publication

EP 2798164 A2 20141105 (DE)

Application

EP 12780192 A 20121030

Priority

- EP 11188956 A 20111114
- EP 2012071478 W 20121030
- EP 12780192 A 20121030

Abstract (en)

[origin: EP2592241A1] The method involves increasing injectivity of a steam turbine and lowering pressure in a waste heat steam generator to utilize storage reserves in the waste heat steam generator to increase steam generation such that heat energy is quickly supplied to the waste heat steam generator. A power characteristic of a gas and steam turbine system due to increasing of the injectivity of the steam turbine and decreasing of the pressure in the waste heat steam generator is made greater or equal to existing or present power of a stationary operation.

IPC 8 full level

F01K 3/04 (2006.01); **F01K 23/10** (2006.01)

CPC (source: EP US)

F01K 3/04 (2013.01 - EP US); **F01K 23/101** (2013.01 - EP US); **F01K 27/02** (2013.01 - US)

Citation (search report)

See references of WO 2013072183A2

Citation (examination)

WO 02077420 A1 20021003 - ALSTOM SWITZERLAND LTD [CH], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 11188956 A 20111114; CN 201280055971 A 20121030; EP 12780192 A 20121030; EP 14004089 A 20121030; EP 2012071478 W 20121030; IN 869KON2014 A 20140421; KR 20147012600 A 20121030; RU 2014124127 A 20121030; US 201214356158 A 20121030