

Title (en)
GAS TURBINE EFFICIENCY AND REGULATION SPEED IMPROVEMENTS USING SUPPLEMENTARY AIR SYSTEM

Title (de)
GASTURBINENEFFIZIENZ- UND -REGULIERUNGSGESCHWINDIGKEITSVERBESSERUNGEN MITHILFE EINES SYSTEMS FÜR ZUSÄTZLICHE LUFT

Title (fr)
AMÉLIORATIONS APPORTÉES À LA VITESSE DE RÉGULATION ET AU RENDEMENT D'UNE TURBINE À GAZ À L'AIDE D'UN SYSTÈME D'AIR SUPPLÉMENTAIRE, SYSTÈMES CONTINUS ET DE STOCKAGE ET LEURS PROCÉDÉS D'UTILISATION

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EP 15775958 A 20150326

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Abstract (en)
[origin: WO2015157012A1] The present invention discloses a novel apparatus and methods for augmenting the power of a gas turbine engine, improving gas turbine engine operation, and reducing the response time necessary to meet changing demands of a power plant. Improvements in power augmentation and engine operation include additional heated compressed air injection, steam injection, water recovery, exhaust tempering, fuel heating, and stored heated air injection.

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