Title (en)

METHOD FOR GENERATING ENERGY IN AN ENERGY GENERATING INSTALLATION COMPRISING A GAS TURBINE, AND ENERGY GENERATING INSTALLATION FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUR ERZEUGUNG VON ENERGIE IN EINER EINE GASTURBINE UMFASSENDEN ENERGIEERZEUGUNGSANLAGE SOWIE ENERGIEERZEUGUNGSANLAGE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE PRODUCTION D'ENERGIE DANS UNE INSTALLATION DE PRODUCTION D'ENERGIE COMPRENANT UNE TURBINE A GAZ ET INSTALLATION DE PRODUCTION D'ENERGIE APPROPRIEE POUR METTRE LEDIT PROCEDE EN OEUVRE

Publication

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Application

EP 05777710 A 20050804

Priority

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Abstract (en)

[origin: WO2006018389A1] The invention relates to a method for generating energy in an energy generating installation (10) comprising a gas turbine (12). According to said method, in a first step, a gas containing oxygen is compressed in a compressor (13, 14) of the gas turbine (12); in a second step, the compressed gas is supplied to a combustion chamber (15), with addition of fuel, in view of a combustion; in a third step, the hot waste gas from the combustion chamber (15) is expanded in a turbine (16) of the gas turbine (12), under the effect of work output; and in a fourth step, a branched-off partial current of the expanded waste gas is redirected into a part of the gas turbine (12) located upstream of the combustion engine (15), and compressed. One such method enables a reduction of the CO<sub

IPC 8 full level

F02C 3/34 (2006.01)

CPC (source: EP US)

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