

Title (en)

METHOD FOR OPERATING A GAS-AND-STEAM COMBINED CYCLE POWER STATION

Title (de)

VERFAHREN ZUM BETREIBEN EINES GAS-UND-DAMPF-KOMBINATIONSKRAFTWERKS

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UNE CENTRALE À CYCLE COMBINÉ

Publication

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Application

EP 16778264 A 20160926

Priority

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Abstract (en)

[origin: WO2017060114A1] The invention relates to a method for operating a gas-and-steam combined cycle power station (10) in which exhaust gas is produced by a gas turbine (12) and is supplied to a steam generator (20), wherein hot steam is produced using the exhaust gas supplied to said steam generator (20) and by means of said steam generator (20), and this steam serves to drive at least one generator (30) using at least one turbine device (22) in order to provide electrical current. The exhaust gas supplied to the steam generator (20) is conducted away from said steam generator (20), and at least one portion of the heat contained in the exhaust gas, downstream of the steam generator (20), is used to initiate an endothermic chemical reaction.

IPC 8 full level

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