

Title (en)

DEVICE AND METHOD FOR CONTROLLING A COOLING AIR FLOW OF A GAS TURBINE AND GAS TURBINE WITH A COOLING AIR FLOW

Title (de)

VORRICHTUNG UND VERFAHREN ZUR REGELUNG EINES KÜHLLUFTSTROMS EINER GASTURBINE, SOWIE EINE KÜHLLUFTDURCHSTRÖMTE GASTURBINE

Title (fr)

DISPOSITIF ET PROCEDE PERMETTANT DE REGULER UN FLUX D'AIR DE REFROIDISSEMENT D'UNE TURBINE A GAZ ET TURBINE A GAZ A CIRCULATION D'AIR DE REFROIDISSEMENT

Publication

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Application

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Abstract (en)

[origin: WO0109518A1] The invention relates to a device for controlling a cooling air flow (1) according to needs, especially a gas turbine cooling air flow (1'), with low maintenance means, whereby the cooling air flow flows through a flow channel (2) and a control fluid flow (30) is introduced into the flow channel (2) in said cooling air flow (1) with a flow component (9) which is perpendicular to the flow direction (35) of said cooling air flow (1). The flow rate of the cooling air flow (1) can therefore be adjusted on the basis of control parameters of the control fluid flow (30) and/or other parameters.

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