

Title (en)

METHOD FOR OPERATING A GAS AND STEAM TURBINE INSTALLATION AND CORRESPONDING INSTALLATION

Title (de)

VERFAHREN ZUM BETREIBEN EINER GAS- UND DAMPFTURBINENANLAGE SOWIE ENTSPRECHENDE ANLAGE

Title (fr)

PROCEDE SERVANT A FAIRE FONCTIONNER UNE INSTALLATION DE TURBINE A GAZ OU A VAPEUR, ET INSTALLATION CORRESPONDANTE

Publication

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Abstract (en)

[origin: WO0208577A1] The invention relates to a method for operating a gas and steam turbine installation (1) comprising a gas turbine (2) which can be operated with gas and with oil. When the turbine is switched from operation with gas to operation with oil, a mixture of partial flows (t12) consisting of a first partial flow (t1) of heated supply water (S') and a second partial flow (t2) of comparatively cold supply water (S) is added to the cold condensate (K) directly and therefore without a heat exchanger. To this end, the installation (1) comprises a supply line (104) leading to the condensate preheater (36) for the heated water (S'), said supply line having a mixing point (103) for supplying the comparatively cold supply water (S).

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