

Title (en)

METHOD AND SYSTEM FOR OPERATING A STEAM TURBINE PLANT WITH A THERMAL WATER TREATMENT

Title (de)

VERFAHREN UND ANORDNUNG ZUM BETRIEB EINER DAMPFTURBINENANLAGE IN KOMBINATION MIT EINER THERMISCHEN WASSERAUFBEREITUNG

Title (fr)

PROCÉDÉ ET SYSTÈME DE FONCTIONNEMENT D'UNE CENTRALE À VAPEUR AVEC UN DISPOSITIF DE TRAITEMENT THERMIQUE DE L'EAU

Publication

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Application

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Abstract (en)

[origin: WO2016030029A1] The invention relates to an arrangement and a method for operating a steam turbine plant in combination with a thermal water treatment plant having a first condenser for condensing raw water from exhaust gas of a steam turbine, an evaporator for operation with raw water and air, wherein transfers of material and of heat take place in the evaporator, a tank for receiving the raw water with increased concentrations of impurities, a second condenser for condensing the pure water from the air downstream of the evaporator, at least one steam turbine for operation with the purified water.

IPC 8 full level

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