

Title (en)

OPERATING METHOD FOR AN EXTERNALLY HEATED ONCE-THROUGH STEAM GENERATOR

Title (de)

BETRIEBSVERFAHREN FÜR EINEN EXTERN BEHEIZTEN ZWANGDURCHLAUFDAMPFERZEUGER

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN GÉNÉRATEUR DE VAPEUR À CIRCULATION FORCÉE CHAUFFÉ PAR L'EXTÉRIEUR

Publication

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Application

EP 14758811 A 20140820

Priority

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Abstract (en)

[origin: WO2015028366A2] The invention relates to an operating method for an externally heated once-through steam generator (1), in particular a once-through steam generator that is heated using solar thermal energy and has a steam turbine (2) connected downstream of the once-through steam generator, wherein a pressure regulation device (3), having at least one turbine valve (31) for regulating the pressure, is arranged in the feed water-steam circuit between the once-through steam generator (1) and the steam turbine (2), said pressure regulation device (3) being controlled by a control unit (4') in such a way that, in the event of sudden load reductions, the drop in pressure associated therewith occurs, in a time delayed manner, by means of a throttling of the at least one turbine valve (31).

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Citation (search report)

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