Title (en)

OPERATING METHOD FOR STARTING A ONCE-THROUGH STEAM GENERATOR HEATED USING SOLAR THERMAL ENERGY

Title (de)

BETRIEBSVERFAHREN ZUM ANFAHREN EINES SOLARTHERMISCH BEHEIZTEN ZWANGDURCHLAUFDAMPFERZEUGERS

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT POUR DÉMARRER UN GÉNÉRATEUR DE VAPEUR À CIRCULATION FORCÉE CHAUFFÉ PAR HÉLIOTHERMIE

Publication

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Application

EP 14772073 A 20140820

Priority

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Abstract (en)

[origin: WO2015028367A2] The invention relates to an operating method for starting a once-through steam generator heated using solar thermal energy, wherein a flow medium (S) flowing through the once-through steam generator (1) is evaporated and superheated, using a heat carrier medium (W) heated in a solar array, for a steam turbine (2) connected downstream of the once-through steam generator (1) on the flow medium side, wherein, in an operating phase under load, a first desired steady pressure value is predetermined, and in a starting phase preceding the operating phase under load, a second desired steady pressure value is predetermined, in which starting phase evaporated flow medium is diverted around the steam turbine (2) via a steam bypass (6), and controlled by the predetermined second desired steady pressure value.

IPC 8 full level

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Citation (search report)

See references of WO 2015028367A2

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