

Title (en)

CONTINUOUS FLOW STEAM GENERATOR HAVING AN INTEGRATED REHEATER

Title (de)

DURCHLAUFDAMPFERZEUGER MIT INTEGRIERTEM ZWISCHENÜBERHITZER

Title (fr)

GÉNÉRATEUR DE VAPEUR CONTINU À SURCHAUFFEUR INTERMÉDIAIRE INTÉGRÉ

Publication

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Application

EP 11766953 A 20110929

Priority

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- EP 2011066966 W 20110929

Abstract (en)

[origin: WO2012045650A2] The invention relates to a continuous flow steam generator (19) having a tank (20) comprising a heat transfer medium inlet (21) and a heat transfer medium outlet (22), wherein a heat transfer medium channel (23) is formed between the heat transfer medium inlet (21) and the heat transfer medium outlet (22), and a heat transfer medium flows in said channel, having steam generator tubes (24) disposed in the heat transfer medium channel (23), wherein a first portion (25) of the steam generator tubes (24) are designed as a system of superheater (26) and reheater (27) tubes, and a second portion (28) of the steam generator tubes (24) is designed as a system of preheating (29) and boiler tubes (30), and the first portion (25) is disposed upstream of the second portion (28) in the flow direction of the heat transfer medium. The invention further relates to a steam generator device (34) having a continuous flow steam generator (19) and a water separation system (33). The invention further relates to a solar thermal power plant.

IPC 8 full level

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Citation (search report)

See references of WO 2012045650A2

Citation (examination)

- DE 19545308 A1 19970612 - ASEA BROWN BOVERI [CH]
- WO 2010025960 A2 20100311 - BALCKE DUERR GMBH [DE], et al

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