

Title (en)

WATER FEEDBACK IN VERTICAL FORCED-FLOW STEAM GENERATORS

Title (de)

WASSERRÜCKFÜHRUNG IN VERTIKALEN ZWANGDURCHLAUFDAMPFERZEUGERN

Title (fr)

RECIRCULATION D'EAU DANS DES GÉNÉRATEURS DE VAPEUR VERTICAUX À CIRCULATION FORCÉE

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Application

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Abstract (en)

[origin: WO2018177738A1] The invention relates to a method for starting a vertical forced-flow steam generator in a waste-heat steam generator, wherein feed water is fed to the forced-flow steam generator as working fluid, and there flows firstly through a feed-water preheater (1) and then through an evaporator (2) and is at least partly evaporated, wherein the partly evaporated working fluid is fed to a water separation system (3), in which non-evaporated working fluid is separated from evaporated working fluid and is collected, in which at least part of the non-evaporated working fluid is fed geodetically to the evaporator and, beginning from a certain quantity of accumulating non-evaporated working fluid, a remaining part is automatically removed from the water separation system (3). The invention further relates to a corresponding device for starting a vertical forced-flow steam generator.

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