Title (en)

VERTICAL HEAT RECOVERY STEAM GENERATOR

Title (de)

VERTIKALER ABHITZEDAMPFERZEUGER

Title (fr)

GÉNÉRATEUR DE VAPEUR VERTICAL À RÉCUPÉRATION DE CHALEUR

Publication

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Application

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Abstract (en)

[origin: WO2018014941A1] The invention relates to a vertical heat recovery steam generator, the low-pressure stages of which are designed as a once-through system, comprising a condensate preheater with at least one condensate preheater heating surface (20, 21, 22), through which a flow medium (S) flows and which is disposed in a hot gas channel (1) through which hot gas (H) flows, a low-pressure preheater with at least one low-pressure preheater heating surface (30, 31, 32) through which the flow medium (S) flows and which is disposed in the hot gas channel (1), and a low-pressure evaporator with at least one low-pressure evaporator heating surface (40) through which the flow medium (S) flows and which is disposed in the hot gas channel (1). The flow medium (S) flows successively through the at least one low-pressure preheater heating surface (30, 31, 32) and the at least one low-pressure evaporator heating surface (40) in one pass and without additional pressure compensation.

IPC 8 full level

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