

Title (en)
STEAM GENERATOR

Title (de)
DAMPFERZEUGER

Title (fr)
GÉNÉRATEUR DE VAPEUR

Publication
EP 2997306 A1 20160323 (DE)

Application
EP 13722455 A 20130514

Priority
EP 2013059964 W 20130514

Abstract (en)
[origin: WO2014183789A1] The invention relates to a steam generator (10) comprising a boiler (12), which surrounds a steam generating space (22) and has a heatable bottom wall (24), with an upper bottom wall portion (38) and a lower bottom wall portion (36), which are arranged at different heights with respect to the vertical, wherein fresh water to be vaporized can be fed to the upper bottom wall portion (38) by way of at least one water inflow opening (82, 84) and a bottom wall temperature can be recorded by means of a temperature recording element (78). In order to develop the steam generator in such a way that the amount of steam discharge that can be discharged per unit of time has at most a small dependence on the inclination of the steam generator (10), it is proposed according to the invention that the upper bottom wall portion (38) has a fresh-water feeding region (42) and a temperature recording region (44), wherein fresh water can be fed to the fresh-water feeding region (42) by way of the at least one water inflow opening (82, 84) and the temperature of the temperature recording region (44) can be recorded, wherein the fresh-water feeding region is separated from the temperature recording region (44) by means of a separating device (40, 94).

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