

Title (en)
DEVICE AND METHOD FOR GENERATING STEAM WITH A HIGH LEVEL OF EFFICIENCY

Title (de)
VORRICHTUNG UND VERFAHREN ZUR ERZEUGUNG VON DAMPF MIT HOHEM WIRKUNGSGRAD

Title (fr)
DISPOSITIF ET PROCÉDÉ DE PRODUCTION DE VAPEUR AVEC UN RENDEMENT ÉLEVÉ

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Application
EP 10711188 A 20100317

Priority
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Abstract (en)
[origin: WO2010106089A2] The invention relates to the production of steam from a working medium of a steam generator, preferably embodied as a waste heat steam generator, a Kalina steam generator or an ORC steam generator, using a thermal generator mounted upstream from the steam generator. In order to evaporate the working medium, the steam generator uses a hot heat transmitting medium that, according to the invention, is heated in the thermal generator before being supplied to the steam generator, thereby increasing the efficiency of the steam generator. The residual or waste heat of an industrial plant or a geothermal plant using geothermal energy is used, for example, as a heat source for the thermal generator.

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