

Title (en)

METHOD FOR TRANSFORMING HEAT USING A VORTEX AGGREGATE

Title (de)

VERFAHREN ZUR WÄRMETRANSFORMATION MITTELS EINES WIRBELAGGREGATS

Title (fr)

PROCEDE DE TRANSFORMATION DE CHALEUR A L'AIDE D'UN APPAREIL GENERATEUR DE TOURBILLONS

Publication

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Application

**EP 00918870 A 20000413**

Priority

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Abstract (en)

[origin: US6516617B1] The aim of the invention is to reduce exhaust steam losses and thus efficiency losses in condensation power stations such that the steam does not expand to the attainable vacuum (as is the case in the prior art) but, after extraction from a turbine or the like, is elevated in the caloric content thereof to a higher pressure stage in a heat transformer by means of pumps, which are connected upstream therefrom and which are provided for the secondary circuit, in order to effect a renewed expansion at said heat transformer. This is repeated as often as possible until the quantity of heat which otherwise escapes through the cooling tower is largely converted into electric energy.

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