

Title (en)
SUPERHEATED STEAM GENERATOR

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Application
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Abstract (en)
[origin: ES8401600A1] Superheated steam generator comprising an outer ferrule having at its opposite ends a chamber for the intake of water to be vaporized and superheated and a steam outflow chamber and a group of tubes connecting said chambers in which circulates the water to be vaporized and superheated by heat exchange with a hotter fluid circulating in counterflow around the tubes within the outer ferrule, wherein the steam outflow chamber comprises an outer wall surrounded by a coil linked with said chamber, in such a way that part of the superheated steam introduced into the outflow chamber circulates in the coil. The invention is intended more particularly for use in superheated steam generators by heat exchange with liquid sodium in power stations based on a fast breeder reactor.

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