

Title (en)

MEMBRANE WALL OF A LARGE-SCALE STEAM GENERATOR

Title (de)

MEMBRANWAND EINES GROSSDAMPFERZEUGERS

Title (fr)

PAROI-MEMBRANE D'UNE CHAUDIÈRE À VAPEUR INDUSTRIELLE

Publication

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Application

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Abstract (en)

[origin: WO201000346A2] The invention relates to a membrane wall of a large-scale steam generator, comprising a number of tube-web-tube connections and/or finned pipe connections, in which each tube of the tube-web-tube connection or the finned tube of the finned tube connection is made from a steel material with ferritic-bainitic, martensitic or austenitic fine structure or a nickel-based alloy and the web connecting each tube of the finned tube combination is made completely of or in combination with a steel material with ferritic-bainitic, austenitic or martensitic fine structure or a nickel-based alloy, wherein the production of a membrane wall suitable for application in a 700 °C power station can be economical produced with essentially the same technical production requirements. The above is achieved, wherein the membrane wall (1) at least partly has regions in which differing steel materials and/or nickel-based alloys are connected to each other as web or tube material or as finned tube material.

IPC 8 full level

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CPC (source: EP)

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Citation (opposition)

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