

Title (en)

METHOD FOR PROCESSING SURFACE OF STAINLESS STEEL, AND HEAT EXCHANGER OBTAINED USING SAME

Title (de)

OBERFLÄCHENBEHANDLUNGSVERFAHREN VON ROSTFREIEM STAHL UND DAMIT HERGESTELLTER WÄRMETAUSCHER

Title (fr)

PROCÉDÉ POUR LE TRAITEMENT DE SURFACE D'ACIER INOXYDABLE ET ÉCHANGEUR DE CHALEUR OBTENU EN L'UTILISANT

Publication

**EP 3124650 B1 20190410 (EN)**

Application

**EP 14886931 A 20140908**

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Abstract (en)

[origin: EP3124650A1] In a surface treatment method for stainless steel, a stainless-steel surface fine-structure forming method for forming a fine irregular structure (roughened surface) having a high surface area is provided. A stainless-steel surface treatment method according to the present invention is for forming the fine structure on the surface of stainless steel. The method includes: a first step of performing grain refining treatment for refining crystal grains in the surface of stainless steel; and a second step performed, after the first step, for roughening etching the surface of stainless steel with an etching solution.

IPC 8 full level

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