

Title (en)

METHOD FOR TREATING IRON-BASED METAL SURFACE WHICH IS EXPOSED TO SUPERHEATED STEAM

Title (de)

VERFAHREN ZUR BEHANDLUNG VON EINEM SUPRAERHITZTEN STROM AUSGESETZTEN METALLOBERFLÄCHEN AUF EISENBASIS

Title (fr)

PROCÉDÉ POUR TRAITER UNE SURFACE MÉTALLIQUE À BASE DE FER QUI EST EXPOSÉE À DE LA VAPEUR SURCHAUFFÉE

Publication

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Application

EP 10797074 A 20100701

Priority

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- JP 2009159887 A 20090706

Abstract (en)

[origin: EP2455514A1] The present invention provides a surface treatment method for suppressing the formation and growth of superheated steam oxide scale on an iron-based metal surface exposed to superheated steam, comprising treating said iron-based metal surface with a surface-treatment agent which comprises a polyoxy saturated aliphatic mono- or di-carboxylic acid or a salt thereof and an amine compound represented by the following formula (I): $\text{#####Z(CH}_2\text{CH}_2\text{NH)}_n\text{CH}_2\text{CH}_2\text{NH}_2\text{#####(I)}$ wherein Z represents H or OH or NH₂ group, and n is an integer of 0-5.

IPC 8 full level

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Citation (search report)

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- See references of WO 2011004763A1

Designated contracting state (EPC)

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