

Title (en)

METHOD OF AT LEAST PARTIALLY REMOVING CARBON DEPOSITS FROM A HEAT EXCHANGER

Title (de)

VERFAHREN ZUR ENTFERNUNG VON KOHLENSTOFFABLAGERUNGEN IN EINEM WÄRMETAUSCHER

Title (fr)

PROCEDE D'ELIMINATION AU MOINS PARTIELLE DE DEPOTS CARBONES DANS UN ECHANGEUR DE CHALEUR

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Application

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Abstract (en)

[origin: WO03078914A1] The invention relates to a method and device for at least partially removing carbon deposits from a heat exchanger. The inventive method consists in performing an oxidation treatment comprising at least one controlled oxidation step, at a conventional temperature of between 400 and approximately 500 DEG C for at least four hours, using an oxidising fluid containing mostly an inert gas and a minor quantity of oxygen. Said treatment is carried out in conditions such that the temperatures of the fluids entering or leaving the exchanger remain below approximately 520 DEG C for the entire duration of the oxidation treatment and such that the hot approach of the exchanger remains below approximately 120 DEG C for the entire duration of the oxidation treatment. The invention also relates to a hydrotreatment installation for using said method and device.

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