

Title (en)

PROCESS FOR REDUCING COKING OF HEAT EXCHANGE SURFACES

Title (de)

VERFAHREN ZUR VERMINDERUNG DER VERKOKUNG VON WÄRMEAUSTAUSCHFLÄCHEN

Title (fr)

PROCEDE DE REDUCTION DU COKAGE DE SURFACES D'ECHANGE DE CHALEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: DE4405884C1] A heat exchange surface in reactors and/or heat exchangers is disclosed for processing installations for hydrocarbons and other organic compounds at high temperatures in the gaseous phase. The metallic surfaces that come into contact with the organic substances are treated with a mixture of a silicon- and sulphur-containing product and of a dry gas stream that is inert to the silicon- and sulphur-containing product, at a temperature from 300 to 1000 DEG C for 0.5 to 12 hours. Also disclosed is a process for producing a catalytically inactivated metallic surface in chemical reactors and/or heat exchangers.

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C10G 9/16

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