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(54) Title: CORROSION RESISTANT MATERIAL FOR REDUCED FOULING, HEAT TRANSFER COMPONENT WITH IMPROVED CORROSION AND FOULING RESISTANCE, AND METHOD FOR REDUCING FOULING

(57) Abstract: This invention relates to the reduction of sulfidation or sulfidic corrosion and the reduction of depositional fouling in general and in particular the reduction of sulfidation/sulfidic corrosion and the reduction of depositional fouling in heat transfer components, which include but are not limited to heat exchangers, furnaces and furnace tubes located in refining facilities and petrochemical processing facilities and other components used for transporting or conveying process streams, which may be prone to fouling. In particular, the present invention relates to the reduction of corrosion and fouling associated with process streams. The present invention is directed to a method of reducing fouling in a heat transfer component, which combines the use of a corrosion resistant material having the desired surface roughness with the application of vibration, pulsation and internal turbulence promoters.



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