

Title (en)

A process for the cleaning of metallic, for example iron or steel, internal surfaces of industrial equipment.

Title (de)

Reinigungsverfahren für die Innenflächen von industriellen Apparaten aus Metall, z.B. aus Eisen oder Stahl.

Title (fr)

Procédé de nettoyage pour des surfaces internes d'équipements industriels métalliques, par exemple en fer ou en acier.

Publication

EP 0380169 A1 19900801 (EN)

Application

EP 90200135 A 19900118

Priority

NL 8900106 A 19890118

Abstract (en)

Process for the cleaning during idle periods of metallic, for example iron or steel, internal surfaces of equipment used in the chemical industry, in which a cleaning fluid containing water, an acid and a corrosion inhibitor is pumped through the interior of the equipment at a flow rate of at least 0.5 m/s, whereby the cleaning fluid is passed through a reduction filter (1) disposed outside the equipment, which filter (1) contains a substantially metallic packing (5) with the highest practicable surface-to-weight ratio, and that the composition of the cleaning fluid is controlled during operation by measurement of the redox potential, which is maintained below a limiting value and amounts to nearly 280 mV or less, when measured with a platinum electrode against a saturated calomel-KCl electrode.

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CPC (source: EP)

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Citation (search report)

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