

Title (en)

PROCESS FOR DEMETALLISING HIGHLY ACID BATHS AND USE OF SAID PROCESS FOR ELECTROPOLISHING SPECIAL STEEL SURFACES

Title (de)

VERFAHREN ZUM ENTMETALLISIEREN VON HOCHSAUREN BÄDERN UND VERWENDUNG DIESER VERFAHRENS BEIM ELEKTROPOLIEREN VON EDELSTAHL OBERFLÄCHEN

Title (fr)

PROCEDE DE DEMETALLISATION DE BAINS TRES ACIDES ET MISE EN OEUVRE DE CE PROCEDE POUR LE POLISSAGE ELECTROLYTIQUE DE SURFACES EN ACIER SPECIAL

Publication

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Application

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Abstract (en)

[origin: US5882500A] PCT No. PCT/EP96/02439 Sec. 371 Date Mar. 4, 1998 Sec. 102(e) Date Mar. 4, 1998 PCT Filed Jun. 4, 1996 PCT Pub. No. WO96/41905 PCT Pub. Date Dec. 27, 1996 The invention relates to a process for the demetallization of highly acidic baths based on phosphoric acid and sulphuric acid, and also to a process for the electropolishing of stainless-steel surfaces, in which a regeneration of, in particular, spent electrolyte compositions for electropolishing can be achieved by separate electrolytic reduction of Fe(III) to Fe(II) and subsequent removal of precipitates.

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