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 DIESES VERFAHRENS BEIM ELEKTROPOLIEREN VON EDELSTAHLOBERFLÄCHEN

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

EP 0832315 B1 19990324 (DE)

Application

EP 96921930 A 19960604

Priority

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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, 1996The 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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US 5882500 A 19990316; AT E178106 T1 19990415; AU 6300596 A 19970109; CA 2226367 A1 19961227; CZ 396197 A3 19980617; DE 19521132 C1 19961017; DE 59601506 D1 19990429; EP 0832315 A1 19980401; EP 0832315 B1 19990324; ES 2129268 T3 19990601; JP 2000512685 A 20000926; TW 358831 B 19990521; WO 9641905 A1 19961227

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