

Title (en)

Baths and process for chemically polishing stainless-steel surfaces.

Title (de)

Lösungen und Verfahren zum chemischen Polieren von Oberflächen von rostfreien Stählen.

Title (fr)

Bains et procédé pour le polissage chimique de surfaces en acier inoxydable.

Publication

**EP 0206386 A1 19861230 (FR)**

Application

**EP 86200920 A 19860527**

Priority

FR 8508440 A 19850603

Abstract (en)

[origin: ES8704554A1] Baths for chemical polishing of stainless steel surfaces, comprising, in aqueous solution, a mixture of hydrochloric acid, phosphoric acid and nitric acid, ferricyanide complex ions and an additive capable of decomposing nitrous acid. The baths can be used in particular for chemical polishing of heat exchangers with a very large exchange surface.

Abstract (fr)

Bains pour le polissage chimique de surfaces en acier inoxydable comprenant, en solution aqueuse, un mélange d'acide chlorhydrique, d'acide phosphorique et d'acide nitrique, des ions complexes ferricyanure et un additif capable de décomposer l'acide nitreux. Les bains sont notamment utilisables pour le polissage chimique d'échangeurs de chaleur à très grande surface d'échange.

IPC 1-7

**C23F 3/06**

IPC 8 full level

**C23F 3/00** (2006.01); **C23F 3/06** (2006.01)

CPC (source: EP KR US)

**C23F 3/06** (2013.01 - EP US); **C23G 5/00** (2013.01 - KR)

Citation (search report)

- [Y] FR 2463820 A1 19810227 - DIVERSEY CORP [US]
- [Y] EP 0025624 A1 19810325 - SOLVAY [BE]
- [A] FR 1567825 A 19690516
- [A] FR 2253103 A1 19750627 - HITACHI LTD [JP]
- [A] GB 2140038 A 19841121 - AKAD GORNICZO HUTNICZA

Cited by

EP0425013A1; BE1003579A3; FR2717829A1; US5762819A; CN1044264C; EP0462646A1; BE1004452A3; US5209820A; WO9526428A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0206386 A1 19861230; EP 0206386 B1 19900808**; AT E55419 T1 19900815; AU 579474 B2 19881124; AU 5808886 A 19861211; BR 8602514 A 19870127; CA 1298762 C 19920414; DE 3673258 D1 19900913; ES 555583 A0 19870401; ES 8704554 A1 19870401; FI 81611 B 19900731; FI 81611 C 19901112; FI 862361 A0 19860603; FI 862361 A 19861204; FR 2582675 A1 19861205; FR 2582675 B1 19921002; JP H072993 B2 19950118; JP S6237381 A 19870218; KR 870000451 A 19870218; KR 930003606 B1 19930508; NO 168716 B 19911216; NO 168716 C 19920325; NO 862175 D0 19860602; NO 862175 L 19861204; PT 82676 A 19860601; PT 82676 B 19880701; US 4678541 A 19870707

DOCDB simple family (application)

**EP 86200920 A 19860527**; AT 86200920 T 19860527; AU 5808886 A 19860530; BR 8602514 A 19860530; CA 509956 A 19860526; DE 3673258 T 19860527; ES 555583 A 19860602; FI 862361 A 19860603; FR 8508440 A 19850603; JP 12905286 A 19860603; KR 860004304 A 19860531; NO 862175 A 19860602; PT 8267686 A 19860530; US 86972686 A 19860602