

Title (en)

Process for de-silvering a silver-containing solution

Title (de)

Verfahren und Vorrichtung zur Entsilberung von Lösungen

Title (fr)

Procédé et dispositif pour la désargentation de solutions

Publication

EP 0754780 A1 19970122 (EN)

Application

EP 95201953 A 19950715

Priority

EP 95201953 A 19950715

Abstract (en)

A silver-containing solution is de-silvered in an electrolytic cell having an anode and a cathode. The diffusion limitation current density of said electrolytic cell is estimated by measuring a current flow there-through and silver is deposited on the cathode at a de-silvering current density which is lower than said diffusion limitation current density.

IPC 1-7

C25C 1/20; **C25C 7/06**

IPC 8 full level

C25C 1/20 (2006.01); **C25C 7/06** (2006.01)

CPC (source: EP)

C25C 1/20 (2013.01); **C25C 7/06** (2013.01)

Citation (applicant)

- EP 93200427 A 19930216
- FR 1357177 A 19640403 - BAYER AG
- EP 0201837 A1 19861120 - KODAK PATHE [FR]
- GB 1203757 A 19700903 - MINNESOTA MINING & MFG [US]
- GB 1209146 A 19701021 - MINNESOTA MINING & MFG [US]
- GB 1500278 A 19780208 - KODAK LTD
- JP S5039537 A 19750411
- US 4727017 A 19880223 - POLLET ROBERT J [BE], et al
- EP 0598144 A1 19940525 - AGFA GEVAERT NV [BE]
- BIRR, ZEITSCHRIFT FUER WISSENSCHAFTLICHE PHOTOGRAPHIE, vol. 47, 1952, pages 2 - 58
- RESEARCH DISCLOSURE, no. 17643, 1978

Citation (search report)

- [DA] EP 0201837 A1 19861120 - KODAK PATHE [FR]
- [A] BE 1000646 A6 19890228 - UNIV BRUXELLES, et al
- [A] US 3875032 A 19750401 - THOMPSON DARRELL T
- [A] EP 0035008 A2 19810902 - ESTEROL AG [CH]

Cited by

US6207037B1; US6187167B1; WO2006105981A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0754780 A1 19970122; **EP 0754780 B1 20011121**; DE 69524074 D1 20020103; DE 69524074 T2 20020704

DOCDB simple family (application)

EP 95201953 A 19950715; DE 69524074 T 19950715