

Title (en)

PROCESS FOR REDUCING AND RECLAIMING ELECTROLYTE CONTAINING TIN SALT

Publication

EP 0054074 B1 19870513 (EN)

Application

EP 80901147 A 19800623

Priority

JP 8000141 W 19800623

Abstract (en)

[origin: WO8200036A1] Process for reclaiming stannous ion by reducing the same in an electrolyte to stannic ion through a simple operation in a short period of time, which comprises the steps of preparing the electrolyte in an acidic range as required and then adding metallic tin to the electrolyte and heating the mixture, in order to reduce the stannous ion oxidized in the electrolyte containing tin salt to obtain a stable electrolyte treated product. This process may be utilized particularly for effectively reducing and reclaiming an electrolyte which contains tin salt used for electrolytically coloring aluminum.

IPC 1-7

C25D 21/18

IPC 8 full level

C25D 21/18 (2006.01)

CPC (source: EP)

C25D 21/18 (2013.01)

Citation (examination)

- JP S5289536 A 19770727 - NIPPON STEEL CORP
- JP S5139542 A 19760402 - FUJI SATSUSHI KOGYO KK
- FR 1334413 A 19630809 - COUSSINETS STE INDLE
- PATENT ABSTRACTS OF JAPAN, vol. 4, no. 178 (C-34)(660), December 10, 1980, TOKYO (JP)

Cited by

DE4330068A1

Designated contracting state (EPC)

DE FR GB LU SE

DOCDB simple family (publication)

WO 8200036 A1 19820107; DE 3071971 D1 19870619; EP 0054074 A1 19820623; EP 0054074 A4 19821116; EP 0054074 B1 19870513

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JP 8000141 W 19800623; DE 3071971 T 19800623; EP 80901147 A 19800623