

Title (en)

Bath for electroplating silver-tin alloys

Title (de)

Bad zum galvanischen Abscheiden von Silber-Zinn-Legierungen

Title (fr)

Bain d'electrodéposition d'alliages argent-étain

Publication

EP 0666342 B1 19980506 (DE)

Application

EP 95100167 A 19950107

Priority

- DE 4403601 A 19940205
- DE 4440176 A 19941110

Abstract (en)

[origin: EP0666342A1] Ag-Sn Alloy electroplating bath contains 1-120 g/l Ag as soluble Ag cpd., 1-100 g/l Sn as soluble Sn cpd. 5-450 g/l mercaptoalkanoic acid (IA) and/or mercaptoalkanesulphonic acid (IB) and/or their salt(s) as chelating agent and 0-200 g/l conductive salt (II) and has a pH of 0-14.

IPC 1-7

C25D 3/64

IPC 8 full level

C25D 3/56 (2006.01); **C25D 3/60** (2006.01); **C25D 3/64** (2006.01)

CPC (source: EP US)

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Cited by

DE10158227A1; DE10014852A1; EP2085502A1; EP0854206A1; US5911866A; WO03046260A3; WO2007060078A1; US7628903B1; US7938948B2; WO2020083799A1

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 95100167 A 19950107; CA 2141090 A 19950125; ES 95100167 T 19950107; JP 1428595 A 19950131; US 38006695 A 19950130