Title (en)

Method for the electro-deposition of lead alloys.

Title (de)

Verfahren zur galvanischen Abscheidung von Bleilegierungen.

Title (fr)

Procédé pour le dépÔt électrolytique d'alliages de plomb.

Publication

EP 0048579 A1 19820331 (EN)

Application

EP 81304194 A 19810914

Priority

GB 8030638 A 19800923

Abstract (en)

Apparatus and method for the electro-deposition of a ternary alloy on to a cathode comprises an anolyte containing chamber 14 and a catholyte containing chamber 10 in communication with one another only through the medium of a cation exchange membrane 16. The apparatus is used for depositing a ternary bearing alloy, such as lead-antimony-tin or lead-tin-copper on to the bronze substrate of a steel backed bearing member; the bearing member comprising the cathode 12. Use of the method and apparatus prevents undesirable immersion plating of the lead-containing anode 20 by metals from the plating solution which are more noble than lead.

IPC 1-7

C25D 3/56; C25D 17/10; C25D 17/02; C25C 7/04

IPC 8 full level

C25C 7/04 (2006.01); **C25D 3/56** (2006.01); **C25D 5/00** (2006.01); **C25D 17/00** (2006.01); **C25D 17/02** (2006.01); **C25D 17/10** (2006.01)

CPC (source: EP)

C25D 3/56 (2013.01); **C25D 17/002** (2013.01)

Citation (search report)

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