

Title (en)

Electrolyte composition and method for the deposition of a tin-zinc alloy

Title (de)

Elektrolytzusammensetzung und Verfahren zur Abscheidung einer Zinn-Zink-Legierung

Title (fr)

Composition d'électrolytes et procédé pour le dépôt d'un alliage d'étain et de zinc

Publication

EP 2085502 A1 20090805 (EN)

Application

EP 08001614 A 20080129

Priority

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Abstract (en)

The present invention relates to an electrolyte composition for the deposition of a tin-zinc alloy on a substrate surface. Furthermore, the invention relates to a method for the deposition of a tin-zinc alloy layer on the substrate surface. The inventive electrolyte composition for the deposition of a tin-zinc alloy on a substrate surface comprises tin in oxidation state +4(Sn 4+) and has a pH-value in the range from about pH 9 to about pH 11. Furthermore, the inventive electrolyte composition can comprise a complexing agent of the group consisting of carboxylates, amino derivatives, phosphates and hydroxides as well as brightening agents or surface wetting agents.

IPC 8 full level

C25D 3/60 (2006.01); **C25D 15/00** (2006.01)

CPC (source: EP)

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Citation (applicant)

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