

Title (en)

Electrolyte composition and method for the deposition of quaternary copper alloys

Title (de)

Zusammensetzung eines Elektrolyten und Verfahren zur Beschichtung von quaternären Kupferlegierungen

Title (fr)

Composition d'un électrolyte et méthode de dépôt d'alliages quaternaires de cuivre

Publication

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Application

EP 06025184 A 20061206

Priority

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Abstract (en)

The present invention relates to an electrolyte composition as well as a method for the deposition of a quaternary copper alloy on a substrate. The electrolyte composition according to the invention comprises besides the alloying metals copper, tin and zinc, at least one metal from the group consisting of indium, gallium and thallium. The electrolyte composition according to the invention enables to deposit white bronze layers which present a high corrosion resistance and hardness and are free of noxious heavy metals.

IPC 8 full level

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C25D 3/56 (2013.01); **C25D 3/58** (2013.01); **C25D 3/40** (2013.01)

Citation (search report)

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