

Title (en)

ELECTROLYTE AND METHOD FOR DEPOSITING TIN-SILVER ALLOY LAYERS

Title (de)

ELEKTROLYT UND VERFAHREN ZUR ABSCHIEDUNG VON ZINN-SILBER-LEGIERUNGSSCHICHTEN

Title (fr)

ELECTROLYTE ET PROCEDE POUR LE DEPOT DE COUCHES D'ALLIAGES ETAIN-ARGENT

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Application

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Abstract (en)

[origin: WO0192606A1] The invention relates to an acidic electrolyte used for depositing tin-silver alloys. The acidic electrolyte comprises one or more alkylsulfonic acids and/or alkanolsulfonic acids, one or more soluble tin(II) salts, one or more soluble silver(I) salts and one or more organic sulfur compounds with one or more tioether functional units and/or ether functional units of the general formula R-Z-R', wherein R and R' are the same or different non-aromatic organic groups, and Z represents S or O. The invention further relates to a method using the electrolyte and to the coating obtainable by the inventive method, as well as to the use of the electrolyte for coating electronic components.

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