

Title (en)
ALUMINIUM ORGANIC ELECTROLYTES AND METHOD FOR ELECTROLYTIC COATING WITH ALUMINIUM OR ALUMINIUM-MAGNESIUM-ALLOYS

Title (de)
ALUMINIUMORGANISCHE ELEKTROLYTE UND VERFAHREN ZUR ELEKTROLYTISCHEN BESCHICHTUNG MIT ALUMINIUM ODER ALUMINIUM-MAGNESIUM-LEGIERUNGEN

Title (fr)
ELECTROLYTE ORGANIQUE D'ALUMINIUM ET PROCEDE DE REVETEMENT ELECTROLYTIQUE AVEC DE L'ALUMINIUM OU DES ALLIAGES ALUMINIUM-MAGNESIUM

Publication
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Application
EP 99962174 A 19991127

Priority
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Abstract (en)
[origin: US6652730B1] Organoaluminum electrolytes and methods for the coating of electrically conductive materials with aluminum or aluminum-magnesium alloys, essentially and preferably consisting of Na[Et3Al-H-AlEt3] for aluminum coating, or of either K[AlEt4] or Na[Et3Al-H-AlEt3] and Na[AlEt4] and trialkylaluminum for alloy coating using solutions of these electrolytes in liquid aromatic hydrocarbons or mixtures thereof with aliphatic mono- or polybasic ethers, such as dimethoxyethane, and using soluble anodes of aluminum or of aluminum and magnesium, or of aluminum-magnesium alloy.

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Cited by
US6734317B2; DE102008051883A1; US10835973B2; US11958122B2

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