Title (en)

METHOD FOR ELECTROLYTIC COATING OF MATERIALS WITH ALUMINIUM, MAGNESIUM OR ALUMINIUM AND MAGNESIUM ALLOYS

Title (de)

VERFAHREN ZUR ELEKTROLYTISCHEN BESCHICHTUNG VON WERKSTOFFEN MIT ALUMINIUM, MAGNESIUM ODER LEGIERUNGEN VON ALUMINIUM UND MAGNESIUM

Title (fr)

PROCEDE D'ENDUCTION PAR ELECTROLYSE DE MATERIAUX AVEC DE L'ALUMINIUM, DU MAGNESIUM OU DES ALLIAGES D'ALUMINIUM ET DE MAGNESIUM

Publication

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Application

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Priority

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Abstract (en)

[origin: EP1403402A1] In the electrolytic coating of substrates with aluminum, magnesium or an Al/Mg alloy the substrate is pretreated by dipping in an electrolyte and anodically connecting it, the coating immediately following in the same electrolyte with the bath containing an organoaluminum compound as the electrolyte; and a halogen-free aprotic solvent for the electrolyte. In the electrolytic coating of substrates with aluminum, magnesium or an Al/Mg alloy the substrate is pretreated by dipping in an electrolyte and anodically connecting it, the coating immediately following in the same electrolyte with the bath containing: (a) an organoaluminum compound of formula (I) or (II); and (b) a halogen-free aprotic solvent for the electrolyte. n = 0 or 1; M = sodium or potassium; and R1 - R4 = 1-4C alkyl.

IPC 8 full level

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