

Title (en)

Process for the uniform electrolytic colouring of anodized aluminium or aluminium alloys.

Title (de)

Verfahren zur gleichmässigen elektrolytischen Einfärbung von eloxiertem Aluminium bzw. Aluminiumlegierungen.

Title (fr)

Procédé pour la coloration électrolytique uniforme d'aluminium anodisé respectivement d'alliages d'aluminium.

Publication

EP 0212668 A1 19870304 (DE)

Application

EP 86111887 A 19860827

Priority

DE 3530934 A 19850829

Abstract (en)

[origin: US4737245A] A method for electrolytically coloring anodized aluminum and aluminum alloys in a reproducible manner so that they are of uniform color is provided. The anodized aluminum or aluminum alloy is anodically treated and then electrolytically colored in a solution capable of forming a barrier layer. Prior to the anodic treatment, the counterelectrodes are activated using a direct voltage of 2 to 9 volts between the counterelectrodes, as anodes, and auxiliary electrodes, as cathodes. The process includes the additional step, after anodic treatment and prior to coloring, of maintaining the aluminum or aluminum alloy for a currentless waiting time of from 0.5 to 5 minutes in the treatment solution.

Abstract (de)

Es wird ein Verfahren zur farbgleichen reproduzierbaren elektrolytischen Einfärbung von Aluminium und Aluminiumlegierungen beschrieben, bei dem die Sperrschicht des einzufärbenden Oxids durch anodische Anwendung eines Sperrschichtbildners derart verändert wird, daß eine gleichmäßige elektrolytische Einfärbung möglich ist.

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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