

Title (en)

Process for cleaning and conditioning the surface of an electrolytically oxidizable metal alloy by hyperanodizing said surface

Title (de)

Verfahren zum Reinigen und Konditionieren der Oberfläche elektrolytisch oxidierbarer Metalle oder Legierungen durch Hyperanodisieren

Title (fr)

Procédé de nettoyage et conditionnement de la surface d'un métal ou alliage électrolytiquement oxydable par hyperanodisation de cette surface

Publication

**EP 0657564 B1 19990421 (EN)**

Application

**EP 94203574 A 19941207**

Priority

IT MI932585 A 19931209

Abstract (en)

[origin: EP0657564A1] The process consists in submitting the surface layer of an electrolytically oxidizable metal to the action of an electrical field with a higher field intensity than the breakdown intensity during an anodizing step. Under such conditions, extremely intense energy exchanges occur in a region confined on the surface of the immersed article; the resulting physical and chemical processes cause, among others, any impurities to be nearly immediately removed, and a useful surface conditioning layer for subsequent processes to be produced. The process is particularly useful for high-speed treatment of bands of light alloy or other oxidizable materials.

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IPC 8 full level

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CPC (source: EP)

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Cited by

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