Title (en)

COATING SYSTEM.

Title (de)

BESCHICHTUNGS-SYSTEM.

Title (fr)

SYSTEME DE REVETEMENT.

Publication

EP 0015279 A4 19801016 (EN)

Application

EP 79900757 A 19800201

Priority

- US 2279 A 19790102
- US 92005378 A 19780628
- US 92005778 A 19780628
- US 97292878 A 19781226

Abstract (en)

[origin: WO8000158A1] A process for the production of colored coatings on articles of aluminum or aluminum alloys, which are particularly adapted to be employed for architectural uses, involves first forming a hard, dense anodic coating on aluminum or aluminum base alloys by anodizing the aluminum in an electrolyte comprising sulfuric acid, a polyhydric alcohol of 3 to 6 carbon atoms and an organic carboxylic acid containing at least one reactive group in the alpha position in order to obtain a material having a film thickness of 5 to 28 microns and thereafter electrolytically coloring said anodized aluminum by passing alternating current between said anodized aluminum and a counter-electrode in an aqueous bath containing acid and a metal salt. The voltage may be modulated externally of the electrode system so as to apply voltage with controlled asymmetry to the electrodes.

IPC 1-7

C25D 11/22

IPC 8 full level

C25D 11/06 (2006.01); **C25D 11/04** (2006.01); **C25D 11/22** (2006.01)

CPC (source: EP)

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CH DE FR GB SE

DOCDB simple family (publication)

WO 8000158 A1 19800207; AR 222177 A1 19810430; BE 877340 A 19791015; DE 2965186 D1 19830519; DK 81680 A 19800226; EP 0015279 A1 19800917; EP 0015279 A4 19801016; EP 0015279 B1 19830413; ES 482021 A1 19800216; IT 1125392 B 19860514; IT 7923954 A0 19790628; JP S55500501 A 19800807; NL 7905049 A 19800103

DOCDB simple family (application)

US 7900417 W 19790614; AR 27707979 A 19790627; BE 196018 A 19790628; DE 2965186 T 19790614; DK 81680 A 19800226; EP 79900757 A 19800201; ES 482021 A 19790628; IT 2395479 A 19790628; JP 50109579 A 19790614; NL 7905049 A 19790628