

Title (en)

PROCESS FOR ELECTROLYTIC COLORING OF ANODISED ALUMINIUM

Publication

EP 0293774 A3 19891108 (DE)

Application

EP 88108480 A 19880527

Priority

DE 3718849 A 19870605

Abstract (en)

[origin: US4877495A] A process for the electrolytic coloring of anodized surfaces of aluminum or aluminum alloys using alternating current or direct current superimposed on alternating current, the electrolytic coloring being carried out with an electrolyte which contains cationic organic dyes and, optionally, conducting salts.

IPC 1-7

C25D 11/22

IPC 8 full level

C25D 11/18 (2006.01); **C25D 11/22** (2006.01)

CPC (source: EP KR US)

C25D 11/22 (2013.01 - EP KR US)

Citation (search report)

- [A] METAL FINISHING ABSTRACTS, Band 16, Nr. 6, November/Dezember 1974, Seite 392; & JP-B-74 030 341 (NIPPON ALUMINIUM MANUFACTURING CO.) 24-12-1970
- [A] CHEMICAL ABSTRACTS, Band 84, Nr. 8, 23. Februar 1976, Seite 428, Zusammenfassung Nr. 50238p, Columbus, Ohio, US; R. SINGH et al.: "Adsorption of cationic dyes by activated alumina", & PROC. INDIAN NATL. SCI. ACAD., PART A 1975, 41(2), 163-9
- [A] CHEMICAL ABSTRACTS, Band 90, Nr. 6, 5. Februar 1979, Seite 344, Zusammenfassung Nr. 44283g, Columbus, Ohio, US; T. SKOULIKIDIS et al.: "Physical sorption properties of electrolytically prepared active aluminas (gamma1-alumina and gamma2-alumina)", & INT. CONGR. STUDY BAUXITES, ALUMINA ALUM., [PREPR.], 4th 1978, 3, 375-387

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0293774 A2 19881207; EP 0293774 A3 19891108; EP 0293774 B1 19921119; AT E82596 T1 19921215; AU 1734488 A 19881208; AU 601047 B2 19900830; DE 3718849 A1 19881215; DE 3876012 D1 19921224; JP S63312998 A 19881221; KR 890000698 A 19890316; US 4877495 A 19891031

DOCDB simple family (application)

EP 88108480 A 19880527; AT 88108480 T 19880527; AU 1734488 A 19880603; DE 3718849 A 19870605; DE 3876012 T 19880527; JP 14033788 A 19880606; KR 880006771 A 19880604; US 30628789 A 19890202