

Title (en)

Process for continuously anodising aluminium strips or wires

Title (de)

Verfahren zur kontinuierlichen anodischen Oxidation von Bändern oder Drähten aus Aluminium

Title (fr)

Procédé d'anodisation en continu de bandes ou de fils d'aluminium

Publication

EP 0732426 B1 20000202 (DE)

Application

EP 96810143 A 19960308

Priority

CH 74995 A 19950316

Abstract (en)

[origin: EP0732426A1] The Al (alloy) strip or wire is coated with a porous oxide layer by continuously anodising in an electrolyte in two stages. During the first stage, the anodising voltage (U1) is chosen to form a fine porous structure and during the second stage it is increased (U2) to a value which produces a coarser porous structure and leads to the required final oxide thickness.

IPC 1-7

C25D 11/04

IPC 8 full level

C25D 11/04 (2006.01)

CPC (source: EP US)

C25D 11/024 (2013.01 - EP US); **C25D 11/04** (2013.01 - EP US); **C25D 11/08** (2013.01 - EP US)

Cited by

WO03004253A1; US7066234B2; USRE43694E; USRE44830E; USRE46606E

Designated contracting state (EPC)

CH DE FR IT LI NL

DOCDB simple family (publication)

EP 0732426 A1 19960918; EP 0732426 B1 20000202; CH 689395 A5 19990331; DE 59604337 D1 20000309; US 5693208 A 19971202

DOCDB simple family (application)

EP 96810143 A 19960308; CH 74995 A 19950316; DE 59604337 T 19960308; US 59936096 A 19960305