

Title (en)

Process for colouring metal surfaces of zinc or zinc alloys or of zinc plated surfaces.

Title (de)

Verfahren zum Färben von Metalloberflächen aus Zink, aus Zinklegierungen oder von mit Zink plattierten Oberflächen.

Title (fr)

Procédé pour la coloration de surfaces métalliques en zinc, zinguées et en alliage de ce métal.

Publication

**EP 0295980 A1 19881221 (FR)**

Application

**EP 88401251 A 19880524**

Priority

FR 8707346 A 19870525

Abstract (en)

Process for colouring articles made of zinc, zinc-plated and made of an alloy of this metal, characterised in that the article is subjected to the action of an acidic aqueous bath to make the surface of the article porous over a thickness which is a fraction of the thickness of the zinc which it comprises and in that at least one sealing material is caused to be adsorbed by the article.

IPC 1-7

**C23C 22/08**; **C23C 22/84**

IPC 8 full level

**B05D 3/10** (2006.01); **B05D 7/14** (2006.01); **C23C 22/78** (2006.01); **C23C 22/84** (2006.01)

CPC (source: EP US)

**B05D 3/102** (2013.01 - EP US); **B05D 7/14** (2013.01 - EP US); **C23C 22/78** (2013.01 - EP US); **C23C 22/84** (2013.01 - EP US); **B05D 2350/35** (2013.01 - EP US)

Citation (search report)

- [X] FR 2378828 A1 19780825 - PARKER STE CONTINENTALE [FR]
- [X] EP 0083263 A2 19830706 - ASTURIENNE MINES COMP ROYALE [FR]
- [A] US 2086712 A 19370713 - MATTHEW GREEN
- [A] PATENT ABSTRACTS OF JAPAN, vol. 11, no. 85 (C-410)[2532], 14 mars 1987; & JP-A-61 238 979 (KOBELITE LTD) 24-10-1986

Designated contracting state (EPC)

BE CH DE ES GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0295980 A1 19881221**; **EP 0295980 B1 19911218**; CA 1323827 C 19931102; DE 3866963 D1 19920130; ES 2030878 T3 19921116; FR 2615870 A1 19881202; FR 2615870 B1 19921231; US 4943453 A 19900724

DOCDB simple family (application)

**EP 88401251 A 19880524**; CA 567548 A 19880524; DE 3866963 T 19880524; ES 88401251 T 19880524; FR 8707346 A 19870525; US 19824188 A 19880525