

Title (en)

Specular product of golden tone and method for manufacturing same.

Title (de)

Spiegelndes Produkt von goldener Färbung und Verfahren zu dessen Herstellung.

Title (fr)

Produit brillant de teinte dorée et son procédé de fabrication.

Publication

**EP 0229665 A1 19870722 (EN)**

Application

**EP 87100414 A 19870114**

Priority

JP 612186 A 19860114

Abstract (en)

A specular product presenting a color of golden tone and possessing good resistance to discoloration is disclosed. The specular product comprises a metal base and electrodeposits of golden tone electroplated on the base metal. The electrodeposits comprises copper-zinc-nickel alloys having the Cu:Zn:Ni deposition ratio within the range of 70-85 : 15-25 : 1-10 and having a color described by the parameters of  $L^*=80-95$ ,  $a^*=-5-0$  and  $b^*=15-25$  as defined by the CIE-1976 ( $L^*, a^*, b^*$ ) color space indication.

IPC 1-7

**C25D 3/58**

IPC 8 full level

**C25D 7/08** (2006.01); **C22C 9/04** (2006.01); **C25D 3/58** (2006.01)

CPC (source: EP)

**C25D 3/58** (2013.01)

Citation (search report)

- [A] EP 0132311 A1 19850130 - TEKTRONIX INC [US]
- [A] CHEMICAL ABSTRACTS, vol. 83, no. 26, 19th December 1975, page 315, abstract no. 210782w, Columbus, Ohio, US; & SU-A-486 079 (A.I. EPANESHNIKOV et al.) 30-09-1975
- [A] CHEMICAL ABSTRACTS, vol. 103, no. 24, 16th December 1985, page 450, abstract no. 202716u, Columbus, Ohio, US; V.I. KHARLAMOV et al.: "Some features of the deposition of a copper-zinc-nickel alloy from pyrophosphate electrolytes", & ELEKTROKHIMIYA 1985, 21(8). 1118-20
- [A] CHEMICAL ABSTRACTS, vol. 104, no. 22, 2nd June 1986, page 597, abstract no. 195497p, Columbus, Ohio, US; & JP-A-61 03 896 (KOSAKU K.K.) 09-01-1986

Cited by

RU2487967C1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0229665 A1 19870722**; **EP 0229665 B1 19901122**; DE 3766258 D1 19910103; JP H0762274 B2 19950705; JP S62164893 A 19870721

DOCDB simple family (application)

**EP 87100414 A 19870114**; DE 3766258 T 19870114; JP 612186 A 19860114