

Title (en)

Coated stainless steel strips and process for making.

Title (de)

Beschichtete rostfreie Stahlplatten und Verfahren zur Herstellung.

Title (fr)

Plaques d'acier inoxydable revêtues et procédé de fabrication.

Publication

EP 0532779 A1 19930324 (EN)

Application

EP 91115852 A 19910918

Priority

JP 7113990 A 19900320

Abstract (en)

Coated stainless steel is produced by forming a chromate layer on a stainless steel strip and coating the strip with a transparent color resin composition. The chromate layer has a total chromium content of 0.5 to 50 mg/m<2>, with trivalent chromium occupying at least 60% by weight of the total chromium content and amounting up to 40 mg/m<2>.

IPC 1-7

C23C 22/30; **C23C 22/33**

IPC 8 full level

B05D 7/00 (2006.01); **B32B 15/08** (2006.01); **C23C 22/30** (2006.01)

CPC (source: EP)

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Citation (search report)

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- [A] GB 1122173 A 19680731 - INT NICKEL LTD
- [Y] CHEMICAL ABSTRACTS, vol. 82, no. 4, 27 January 1975, Columbus, Ohio, US; abstract no. 20470Z, TAKAMURA, HISAO: 'coloring stainless steel' page 250 ;column 2 ;
- [Y] CHEMICAL ABSTRACTS, vol. 110, no. 7, 3 April 1989, Columbus, Ohio, US; abstract no. 119119A, SAITO, KATSUSHI: 'chromating of galvanized or aluminized steel strip' page 277 ;
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 138 (C-231)(1575) 27 June 1984 & JP-A-59 047 387 (NITSUSHIN SEIKOU KK) 17 March 1984
- [XP] PATENT ABSTRACTS OF JAPAN & JP-A-3 271 379 (KAWASAKI STEEL KK) 3 December 1991

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