

Title (en)

Process for the reduction of the friction coefficient of coated metal strips and apparatus for applying a metallic coating to a steel strip.

Title (de)

Verfahren zur erniedrigung des Reibwerts der Oberfläche von mit einer Beschichtung überzogenen Metallbändern und Vorrichtung für das Aufbringen einer metallischen Beschichtung auf ein Stahlband

Title (fr)

Procédé pour la réduction du coefficient de frottement de bandes métalliques pourvues d'un revêtement et dispositif pour l'application d'un revêtement métallique sur une bande d'acier.

Publication

EP 1767673 A2 20070328 (DE)

Application

EP 06013429 A 20060629

Priority

DE 102005045033 A 20050921

Abstract (en)

Method for reducing the coefficient of friction of tin- or chromium plated steel strip comprises spraying the coated strip with surfactant solution while it is moving at the same speed as that used during electroplating. An independent claim is included for apparatus for applying metal coatings to steel strip (S), especially tin- or chromium-plating, comprises an electroplating bath, a passivating unit (2), a washing bath (3) and two spray pipes (11) arranged on either side of the strip which spray it with surfactant solution.

IPC 8 full level

C25D 5/48 (2006.01); **C10M 173/02** (2006.01); **C23C 22/83** (2006.01)

CPC (source: EP KR US)

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Citation (applicant)

- US 2579778 A 19511225 - ALLEN WILLIAM S
- US 3826675 A 19740730 - SMITH J, et al
- EP 0723824 A1 19960731 - INLAND STEEL CO [US]
- US 3519542 A 19700707 - KITAMURA YOICHI, et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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