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

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Application

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Priority

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Abstract (en)

[origin: US2007062617A1] The invention provides a method for lowering the coefficient of friction of the surface of metal bands with a coating, especially of tin-plated or chromium-plated steel bands (S), which are passed through a coating installation at a band speed (v). To be able to lower the coefficient of friction of the surface of the coating even at high band speeds through the coating installation, according to the invention, an aqueous solution of a tenside is sprayed onto the coated metal band passed at the band speed (v) after the coating process. The invention further provides a device for applying a metallic coating onto a steel band, especially in a band tin-plating installation or band chromium-plating installation.

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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