

Title (en)

Arrangement for the electrogalvanic metal coating of strips

Title (de)

Anordnung zur elektrogalvanischen Metallbeschichtung von Bändern

Title (fr)

Dispositif pour le revêtement métallique des bandes par voie électrogalvanique

Publication

EP 0999295 A2 20000510 (DE)

Application

EP 99118136 A 19990911

Priority

DE 19848876 A 19981023

Abstract (en)

Each anode strip has a protective current supply whose voltage is measured so that the production of cathodic regions is excluded on the anode strips. The current supply is interrupted to deposit the metal from the electrolyte. Apparatus for the electrogalvanic metal coating of strips running through an acidic electrolyte enriched with metal has an insoluble anode arranged parallel to the strip from which the current flows to the strip connected as cathode. Metal is deposited from the electrolyte on the surface of the strip and each anode is divided into anode strips parallel to the running direction of the strip. The anode strips are insulated from each other and each strip is provided with a current to deposit the metal from the electrolyte.

Abstract (de)

Die Erfindung betrifft eine Anordnung zur elektrogalvanischen Metallbeschichtung von Bändern. Um an nicht mit Strom beaufschlagten Anodenstreifen der parallel zu dem Band angeordneten Anoden Korrosionsschäden zu vermeiden, wird erfindungsgemäß vorgeschlagen, daß jeder Anodenstreifen eine Schutzstromversorgung besitzt. Die Spannung der Schutzstromversorgung ist dabei so zu bemessen, daß keine kathodischen Bereiche auf den Anodenstreifen entstehen.

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