

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 A3 20060517 (DE)

Application

EP 99118136 A 19990911

Priority

DE 19848876 A 19981023

Abstract (en)

[origin: US6589400B1] An apparatus for metal coating of bands by electroplating, with a band running through an acidic electrolyte enriched with a metal, the apparatus including at least one insoluble anode extending parallel to the band and divided, in a running direction of the band, in a plurality of separate anode strips insulated from each other, an arrangement for feeding current to each separate anode strip for precipitating the metal from the electrolyte, with the current flowing from a respective anode strip to the band which forms a cathode, whereby the metal is precipitated onto a band surface, and elements for supplying each anode strip with protective current the voltage of which is so selected that formation of cathode regions on anode strips, which are not supplied with the precipitation current, is prevented.

IPC 8 full level

C25D 7/06 (2006.01); **C25D 21/12** (2006.01); **C25D 5/00** (2006.01); **C25D 17/00** (2006.01); **C25D 17/12** (2006.01); **C25D 19/00** (2006.01); **C25D 21/00** (2006.01)

CPC (source: EP KR US)

C25D 7/0642 (2013.01 - EP KR US); **C25D 7/0692** (2013.01 - EP KR US)

Citation (search report)

[X] US 5156730 A 19921020 - BHATT ANILKUMAR C [US], et al

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DOCDB simple family (publication)

US 6589400 B1 20030708; BR 9906119 A 20010116; CN 101575722 A 20091111; CN 1252458 A 20000510; EP 0999295 A2 20000510; EP 0999295 A3 20060517; JP 2000129497 A 20000509; JP 4405005 B2 20100127; KR 20000029143 A 20000525; RU 2228395 C2 20040510; UA 57783 C2 20030715

DOCDB simple family (application)

US 42680399 A 19991022; BR 9906119 A 19991022; CN 200910137159 A 19991022; CN 99123330 A 19991022; EP 99118136 A 19990911; JP 29718199 A 19991019; KR 19990044986 A 19991018; RU 99122215 A 19991022; UA 99105784 A 19991022