

Title (en)
Process for controlling the electroplating of a metal strip

Title (de)
Verfahren zur Einstellung der Elektroplattierung eines Metallbandes

Title (fr)
Procédé de régulation d'électro-déposition sur une bande de métal

Publication
EP 0621353 B1 19961211 (FR)

Application
EP 94200729 A 19940322

Priority
FR 9304878 A 19930422

Abstract (en)
[origin: EP0621353A1] One of the faces of a metal strip forming a cathode runs past continuously at a specified speed in an electrolyte in front of the anodes (741 to 74N; 751 to 75N) which are powered by controllable rectifiers (R1 to RN) respectively. The strip is divided into length and width increments and predetermined coating ratios. A total current is determined beforehand to ensure the coatings of the increments. The control process then includes the determination of a number of rectifiers to be set in operation, the determination of an estimated current for each rectifier by dividing the total current equally among the said rectifiers to be set in operation, and the determination of current set points to be applied to the rectifiers to be set in operation. The process is cyclic for each of the faces of the strip (1). <IMAGE>

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C25D 21/12

IPC 8 full level
C25D 7/06 (2006.01); **C25D 21/12** (2006.01)

CPC (source: EP US)
C25D 21/12 (2013.01 - EP US)

Citation (examination)

- DE 3445850 C2 19910814
- DE 3445851 C2 19910822
- US 4240881 A 19801223 - STANYA ANDREW [US]
- US 4699964 A 19871013 - KATO YASUYUKI [JP], et al
- DE 3304621 C2 19870312

Cited by
EP1881091A1; AT405060B

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EP 0621353 A1 19941026; EP 0621353 B1 19961211; AT E146231 T1 19961215; CA 2120080 A1 19941023; DE 69401086 D1 19970123; FR 2704241 A1 19941028; FR 2704241 B1 19950630; JP H06346296 A 19941220; US 5421986 A 19950606

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