

Title (en)

A HORIZONTAL ELECTROLYTIC METALLIZATION CELL PLANT WITH SOLUBLE ANODES, FOR THE CONTINUOUS ELECTROLYTIC TREATMENT OF STEEL STRIPS ON ONE OR TWO FACES.

Title (de)

HORIZONTALE ELEKTROLYTISCHE METALLISIERUNGSANLAGE MIT LÖSLICHEN ANODEN FÜR DIE KONTINUIERLICHE ELEKTROLYTISCHE BEHANDLUNG VON STAHLBÄNDERN AUF EINER ODER ZWEI FLÄCHEN.

Title (fr)

INSTALLATION DE CELLULE DE METALLISATION ELECTROLYTIQUE HORIZONTALE AVEC ANODES SOLUBLES, POUR LE TRAITEMENT ELECTROLYTIQUE EN CONTINU D'ACIER FEUILLARD SUR UNE OU SUR DEUX FACES.

Publication

**EP 0452324 B1 19931110 (EN)**

Application

**EP 89908850 A 19890802**

Priority

IT 2171788 A 19880818

Abstract (en)

[origin: WO9002219A1] A horizontal electrolytic metallization cell, for continuous treatment of strips (N) comprises a pair of counter-rotating sealing rollers at the strip inlet (59) and a pair of counter-rotating sealing rollers at the strip outlet (60). The electrolyte is introduced under pressure through two independent circuits, one upper and one lower, without further sealing members, and made to flow above and below the strip along two horizontal channels contained between the strip itself and the upper (34) and lower (32) anodes. A masking device for the longitudinal edges of the strip comprises a system for the regulation of the transverse position of the masks according to the transverse oscillations of the strip. The upper group of the soluble bar anodes is mounted so that it can be removed, in order to be able to treat the strip material on the lower face only, or on both the lower and upper faces. A pushing device feeds and replaces the anodes in the cell, without interrupting the electroplating process.

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**C25D 7/06**

IPC 8 full level

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