

Title (en)

Improved process for electroplating a metal strip.

Title (de)

Verbessertes Verfahren zur Elektroplattierung eines Metallbleches.

Title (fr)

Procédé perfectionné de galvanoplastie d'une bande métallique.

Publication

**EP 0538081 B1 19951206 (FR)**

Application

**EP 92402525 A 19920915**

Priority

FR 9112770 A 19911016

Abstract (en)

[origin: EP0538081A1] According to this process the strip passes through a bath of at least one electrolysis cell and two layers of metal are deposited successively on its surface by adjusting the current feeding the electrolysis cell so that the mean value of the current density at the surface of the strip is lower than a value called limiting diffusion current of the ions of the metal to be deposited. In addition, during the formation of the first metal layer, the current is adjusted so as to avoid the appearance of local high intensities at the surface of the strip, these high intensities being capable of exceeding the limiting diffusion current. Application to an electrogalvanising process.

IPC 1-7

**C25D 7/06**; **C25D 3/22**

IPC 8 full level

**C25D 3/22** (2006.01); **C25D 7/06** (2006.01); **C25D 21/12** (2006.01)

CPC (source: EP KR US)

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Cited by

FR2732365A1; US5827419A; EP0887440A1; FR2765247A1; US6153079A

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