

Title (en)

COLD-ROLLED STRIP ELECTROPLATED WITH A NICKEL SHEET WITH A GREAT DIFFUSION DEPTH, AND PROCESS FOR ITS MANUFACTURE

Publication

**EP 0303035 B1 19910904 (DE)**

Application

**EP 88110266 A 19880628**

Priority

DE 3726518 A 19870810

Abstract (en)

[origin: EP0303035A1] To develop a cold-rolled strip and a process for the manufacture thereof, which strip shows a reduced tendency to stick, is readily formable, has great diffusion depths of the coating and advantageous corrosion behaviour, has improved electrochemical properties and can be produced economically, the invention proposes that the nickel layer has a thickness from 1  $\mu\text{m}$  to 6  $\mu\text{m}$  and carries an electrolytically applied cobalt layer of thickness from 0.01  $\mu\text{m}$  to 1.0  $\mu\text{m}$ , the cold-rolled strip, after coating, having been heat-treated at a temperature of between 580 DEG C and 710 DEG C.

IPC 1-7

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CPC (source: EP KR US)

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**EP 0303035 A1 19890215**; **EP 0303035 B1 19910904**; AT E66865 T1 19910915; BR 8803944 A 19890228; CA 1322345 C 19930921; DD 272880 A5 19891025; DE 3726518 A1 19890309; DE 3726518 C2 19890601; DE 3864629 D1 19911010; ES 2026227 T3 19920416; GR 3002845 T3 19930125; JP H01111895 A 19890428; JP H0317916 B2 19910311; KR 890003968 A 19890419; KR 960004786 B1 19960413; MX 169599 B 19930714; US 4910096 A 19900320

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