

Title (en)

METHOD FOR CONTROLLING THE COATING WEIGHT FOR STRIP-PHOSPHATING

Title (de)

SCHICHTGEWICHTSTEUERUNG BEI BANDPHOSPHATIERUNG

Title (fr)

COMMANDE DE POIDS DE COUCHE LORS DE LA PHOSPHATATION D'UNE BANDE

Publication

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Application

EP 99937820 A 19990220

Priority

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- EP 9901108 W 19990220

Abstract (en)

[origin: US6461450B1] A process for controlling the layer weight during the phosphating of steel strip zinc-coated on one or both sides, using a phosphating solution which contains 1 to 6 g/l zinc ions and 10 to 30 g/l phosphate ions, characterized in that a Fe(II) ion content within the range of 3 to 100 mg/l is established in the phosphating solution. The higher the Fe(II) content, the lower is the layer weight. An alteration in the Fe(II) content of 3 to 20 mg/l results in an alteration in the layer weight of about 0.1 g/m².

IPC 1-7

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IPC 8 full level

C23C 22/12 (2006.01); **C23C 22/13** (2006.01); **C23C 22/17** (2006.01); **C23C 22/18** (2006.01); **C23C 22/22** (2006.01); **C23C 22/77** (2006.01)

CPC (source: EP KR US)

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