

Title (en)

PROCESS FOR THE CHEMICAL-CONVERSION TREATMENT OF ZINC OR ITS ALLOYS, CONCENTRATE AND BATH FOR PERFORMING THIS PROCESS

Publication

EP 0175606 B1 19890426 (FR)

Application

EP 85401650 A 19850814

Priority

FR 8412878 A 19840816

Abstract (en)

[origin: US4670066A] Process for the treatment by chemical conversion, within very short spaces of time of substrates of zinc or of one of its alloys especially of continuously zinc coated steel coils, wherein the bath employed in the phosphatization step proper comprises, besides the conventional constituents, a proportion of 0.3 to 2 g/l of Fe²⁺-ions, this bath comprising also from 0.2 to 1.5 g/l, preferably from 0.2 to 1.2 g/l of Zn²⁺ ions and from 0.3 to 2 g/l, preferably from 0.3 to 1.2 g/l of Ni²⁺ ions, the weight ratios Zn/Ni and Zn Fe being comprised between 0.1 and 5, these ratios being preferably comprised respectively between 0.4 and 2 and between 0.25 and 4.

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C23C 22/12

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0414301A1; EP1290244A4; EP0370535A1; EP0298827A1; US5045130A; EP0315059A1; US4865653A; US5236565A; AU617131B2; WO9504842A1

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