

Title (en)  
PROCESS FOR PREPARING AN ACIDIC PASSIVATING BATH FOR ZINC, ZINC ALLOYS AN CADMIUM SURFACES, CONTAINING CHROMIUM III AND FLUORIDE

Publication  
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Application  
**EP 89106447 A 19890411**

Priority  
DE 3812076 A 19880412

Abstract (en)  
[origin: EP0337411A2] An acidic chromium(III)-containing and fluoride-containing passivating bath for surfaces of zinc, zinc alloys and cadmium is prepared by mixing 20-200 g/l of a soluble chromium(III) compound, 20 to 600 g/l of a soluble nitrate, 5 to 100 g/l of a fluoride and of a sulphate, phosphate, chloride, bromide, fluoride or iodide anion, adding hydrochloric or nitric acid to a pH of 1.8 to 2.2 and heating to above 60 DEG C or adding a catalyst, the amount of nitrate being greater than the chromium(III) concentration. It contains one or more complex(es) of the formula (1): <IMAGE> (x = 1 to 3, n = valency of A and A = nitrate, sulphate, phosphate, chloride, bromide, fluoride or iodide).

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Citation (search report)  
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