

Title (en)
PROCESS FOR APPLYING CONVERSION COATINGS

Publication
EP 0328908 B1 19920304 (DE)

Application
EP 89101302 A 19890126

Priority
GB 8802788 A 19880208

Abstract (en)
[origin: DE3902266A1] In a process for applying conversion coatings to metal surfaces of aluminium, zinc and their alloys with the aid of alkaline solutions containing chromium(VI) and chromium(III), the solution used contains at least 20 ppm, preferably from 100 to 500 ppm, of dissolved chromium(III) as a result of the addition of a complexing agent for chromium(III), in particular a hydroxycarboxylic acid and/or an aminocarboxylic acid. The chromium(III) is advantageously introduced as nitrate, sulphate, phosphate and/or acetate. The chromium(VI) content should be from 8 to 75 ppm, preferably from 15 to 60 ppm, and the pH of the solution should be at least 12, preferably at least 12.5.

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C23C 22/60

IPC 8 full level
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