

Title (en)  
PROCESS FOR APPLYING CONVERSION COATINGS TO ZINC OR ZINC ALLOY SURFACES

Publication  
**EP 0240943 A3 19881026 (DE)**

Application  
**EP 87104930 A 19870402**

Priority  
GB 8608508 A 19860408

Abstract (en)  
[origin: US4801337A] An improved composition and process for forming a corrosion-resistant complex oxide coating on a zinc or zinc alloy surface incorporates in an aqueous alkaline composition of pH value greater than 11 at least three complexed polyvalent metals, one of which is trivalent chromium.

IPC 1-7  
**C23C 22/60**

IPC 8 full level  
**C23C 22/60** (2006.01)

CPC (source: EP KR US)  
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Citation (search report)

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**EP 0240943 A2 19871014; EP 0240943 A3 19881026; EP 0240943 B1 19901010**; CA 1284762 C 19910611; CN 87103418 A 19871111; DE 3711095 A1 19871015; DE 3765445 D1 19901115; ES 2018188 B3 19910401; GB 2188946 A 19871014; GB 2188946 B 19900801; GB 8608508 D0 19860514; GB 8707748 D0 19870507; KR 870010219 A 19871130; US 4801337 A 19890131

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**EP 87104930 A 19870402**; CA 534152 A 19870408; CN 87103418 A 19870407; DE 3711095 A 19870402; DE 3765445 T 19870402; ES 87104930 T 19870402; GB 8608508 A 19860408; GB 8707748 A 19870401; KR 870003347 A 19870408; US 4328887 A 19870402