

Title (en)  
COLORED ZINC COATING

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Application  
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Abstract (en)  
[origin: EP0269006A2] A method of forming a colored zinc coating on an iron or steel surface in which base metal of iron or steel is hot-dipped in a bath of or sprayed with a zinc alloy consisting essentially of 0.1 - 0.8 wt % Mn and optionally up to 1.0 wt % Cr and up to 0.1 wt % Ti, and the balance Zn and inevitable impurities; as well as a zinc alloy of the aforementioned composition for hot dipping or spraying to form a colored zinc coating on a base surface.

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Citation (examination)  
• CONSTITUTION OF BINARY ALLOYS, M. Hansen, McGraw-Hill Book Co., 1958  
• DER AUFBAU DER ZWEISTOFFLEGIERUNGEN, Eine kritische Zusammenfassung, M. Hansen, Springer Verlag, Berlin, 1936

Cited by  
CN110331356A; US5198026A; CN116265609A; CN110331357A; US6080497A; FR2713665A1; US5667849A; US5616424A; GB2320033A; GB2320033B; EP0423624A1; EP3039165A4; CN110318014A; US5695822A; EP0620292A3; US5455121A; CN104070153A; US7811674B2; US6403235B1; WO02068704A1; US9481034B2; WO2015031509A1; US10926312B2

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