

Title (en)
PLATED STEEL EXCELLENT IN COATABILITY

Publication
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Application
EP 87902156 A 19870327

Priority
• JP 7188486 A 19860329
• CA 539351 A 19870610

Abstract (en)
[origin: WO8705950A1] A plated steel excellent in coatability which is produced by forming, on the surface of steel plated with pure Zn or Zn alloy, a B (boron)-containing Fe plating or a B-containing Fe-Zn alloy (50 wt % or more in Fe content) plating. The B-containing Fe or Fe-Zn alloy plating serves to stably prevent formation of craters in coating such as electrodeposition coating. The thus plated steel can be used as automobile body materials instead of one having a single-layer pure Zn or Zn alloy (e.g., Zn-Fe alloy, Zn-Ni alloy, etc.) plating which has suffered formation of craters during electrodeposition. The content of B in the Fe plating or Fe-Zn alloy plating is preferably 0.001 to 3 wt %, and the amount of plating is preferably 0.5 to 10 g/m² (per side) with the Fe plating and 0.2 to 8 g/m² (per side) with the Fe-Zn alloy plating.

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IPC 8 full level
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Cited by
DE3943243A1; GB2227252A; FR2642089A1; GB2227252B; AT400040B; EP0627496A3; US5616362A

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