

Title (en)

METHOD OF REINFORCING A METALLIC ARTICLE

Publication

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Application

EP 85905667 A 19851107

Priority

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- JP 24766585 A 19851105

Abstract (en)

[origin: WO8602862A1] Internally chilling aluminum alloys, FRM, steel, Ti alloys, Ni alloys, Co alloys and the like by the use of aluminum alloys. In internally chilling highly strong materials such as ferrous ones or the like by the use of aluminum alloys, the alfin method has heretofore been employed not to leave non-plated portions by plating of aluminum. It requires, however, cumbersome operation and increased cost. This invention improves the above defects by employing vibration plating instead of said aluminum plating, and by forming a uniformly plated layer with excellent junction properties. The invention is adaptable to engine parts such as cylinder heads, pistons, etc., as well as to gears.

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Cited by

DE102008054007B4; EP2010344A4; DE102020100640A1; FR2831845A1; CN115971704A; US6148515A; EP0787557A3; DE102008054007A1; EP0462850A1; FR2663250A1; EP1880784A3; EP0472478A1; FR2665383A1

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WO 8602862 A1 19860522; AU 5068085 A 19860603; AU 574541 B2 19880707; DE 3590587 C2 19880623; DE 3590587 T1 19861120; EP 0203198 A1 19861203; EP 0203198 A4 19880426; EP 0203198 B1 19910130; GB 2184048 A 19870617; GB 2184048 B 19881123; GB 8615801 D0 19860806

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