

Title (en)

METHOD FOR APPLYING A PHOSPHATE COVERING AND USE OF METAL PARTS THUS PHOSPATED

Title (de)

VERFAHREN ZUM AUFBRINGEN EINES PHOSPHATÜBERZUGES UND VERWENDUNG DER DERART PHOSPHATIIERTEN METALLTEILE

Title (fr)

PROCEDE DE PHOSPHATATION UTILISATION DES PIECES EN METAL AINSI PHOSPHATEES

Publication

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Application

**EP 01911738 A 20010306**

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Abstract (en)

[origin: US2004231755A1] The invention relates to a method for applying phosphate coatings to metallic surfaces by wetting with an aqueous, acidic phosphating solution and subsequent drying of the phosphating solution, usually without subsequent rinsing, in which the phosphating solution contains 26 to 60 g/l of zinc ions, 0.5 to 40 g/l of manganese ions, and 50 to 300 g/l of phosphate ions, calculated as P<sub>2</sub>O<sub>5</sub>. The invention further relates to a method for applying phosphate coatings to metallic surfaces by wetting with an aqueous, acidic phosphating solution and subsequent drying of the phosphating solution, usually without subsequent rinsing, which method is characterised in that the phosphating solution contains 10 to 60 g/l of zinc ions, 0.5 to 40 g/l of manganese ions, 50 to 300 g/l of phosphate ions, calculated as P<sub>2</sub>O<sub>5</sub>, and 0.5 to 120 g/l of peroxide ions, calculated as H<sub>2</sub>O<sub>2</sub>, and/or 0.5 to 50 g/l of polymers, copolymers and/or cross polymers.

IPC 1-7

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IPC 8 full level

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