

Title (en)

AQUEOUS SOLUTION AND METHOD FOR PHOSPHATIZING METALLIC SURFACES

Title (de)

WÄSSRIGE LÖSUNG UND VERFAHREN ZUR PHOSPHATIERUNG METALLISCHER OBERFLÄCHEN

Title (fr)

SOLUTION AQUEUSE ET PROCEDE POUR PHOSPHATER DES SURFACES METALLIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: US6497771B1] An aqueous solution contains phosphate for producing layers of phosphate on metal surfaces selected from the group consisting of iron, steel, zinc, zinc alloys, aluminum and aluminum alloys. The solution contains 0.3 to 5 g Zn²⁺/l, 0.1 to 2 g nitroguanidine/l and 0.05 to 0.5 g hydroxylamine/l, with an S-value amounting to 0.03 to 0.3 and the ratio of the weight of Zn²⁺ to P₂O₅=1:5 to 1.30.

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