

Title (en)

IMPROVED METHOD FOR NICKEL-FREE PHOSPHATING OF METALLIC SURFACES

Title (de)

VERBESSERTES VERFAHREN ZUR NICKELFREIEN PHOSPHATIERUNG VON METALLISCHEN OBERFLÄCHEN

Title (fr)

PROCÉDÉ AMÉLIORÉ DE PHOSPHATAGE SANS NICKEL DES SURFACES MÉTALLIQUES

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Application

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Abstract (en)

[origin: WO2019042951A1] The present invention relates to a method for the substantially nickel-free phosphating of a metal surface, in which a metal surface is treated with the following compositions one after the other: i) with an alkaline, aqueous cleaning agent composition, which contains at least a water-soluble silicate, and ii) with an acidic, aqueous, substantially nickel-free phosphating composition, which comprises zinc ions, manganese ions and phosphate ions. The invention also relates to the above cleaning agent composition itself and to a metal surface phosphate-coated by means of the above method and use thereof.

IPC 8 full level

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