

Title (en)

METHOD FOR PHOSPHATIZING, RERINSING AND CATHODIC ELECTRO-DIPCOATING

Title (de)

VERFAHREN ZUR PHOSPHATIERUNG, NACHSPÜLUNG UND KATHODISCHER ELEKTROTAUHLACKIERUNG

Title (fr)

PROCEDE POUR LA PHOSPHATATION, LE RIN AGE ULTERIEUR ET LE TREMPAGE ELECTROPHORETIQUE CATHODIQUE

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Application

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Abstract (en)

[origin: DE19834796A1] The invention relates to a method for the pretreatment of surfaces made of steel, galvanized steel and/or aluminium and/or alloys thereof. According to said method, in a first step the surfaces are phosphatized with a zinc phosphatizing solution having a low nickel content, in a second step the phosphatized surfaces are rerinsed with an aqueous solution containing between 0.001 and 10g/l lithium ions, copper ions and/or silver ions, and in a third step a low-lead, cathodically deposited electro-dipcoating paint is applied which contains no more than 0.05 % by weight lead in relation to the dry substance of the electro-dipcoating paint.

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