

Title (en)
PROCESS NOT USING CHLORATE OR NITRITE FOR THE PRODUCTION OF NICKEL AND MANGANESE-CONTAINING ZINC PHOSPHATE FILMS.

Title (de)
CHLORAT- UND NITRITFREIES VERFAHREN ZUR HERSTELLUNG VON NICKEL- UND MANGANHALTIGEN ZINKPHOSPHATSCHICHTEN.

Title (fr)
PROCEDE SANS CHLORATE NI NITRITE POUR PRODUIRE DES COUCHES DE PHOSPHATE DE ZINC CONTENANT DU NICKEL ET DU MANGANESE.

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Abstract (en)
[origin: WO9012901A1] The invention concerns a process, not using chlorate or nitrite, for the production of nickel-containing and manganese-containing zinc phosphate films on steel, zinc and/or steel and zinc alloys by spraying, spray-dipping and/or dipping, using an aqueous solution. An organic oxidizing agent is added, primarily to depolarize the nascent hydrogen produced.

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