

Title (en)

METHOD FOR THE SELECTIVE REMOVAL OF ZINC IONS FROM ALKALI BATH SOLUTIONS IN THE SERIAL SURFACE TREATMENT OF METAL COMPONENTS

Title (de)

VERFAHREN ZUR SELEKTIVEN ENTFERNUNG VON ZINK-IONEN AUS ALKALISCHEN BADLÖSUNGEN IN DER OBERFLÄCHENBEHANDLUNG VON METALLISCHEN BAUTEILEN IN SERIE

Title (fr)

PROCÉDÉ D'ÉLIMINATION SÉLECTIVE D'IONS ZINC DE SOLUTIONS DE BAIN ALCALINES DANS LE TRAITEMENT DE SURFACE DE COMPOSANTS MÉTALLIQUES EN SÉRIE

Publication

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Application

**EP 15797897 A 20151111**

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Abstract (en)

[origin: CA2967714A1] The present invention relates to a method for serial surface treatment of metal components having zinc surfaces, wherein the method comprises an alkali pretreatment, and a method for selective removal of zinc ions from an alkali bath solution for serial surface treatment of metal surfaces having zinc surfaces. According to the invention, in order to carry out the respective methods, a part of each alkali bath solution is brought into contact with an ion exchanger resin having functional groups selected from -OPO<sub>3</sub>X<sub>2</sub>/n and/or -PO<sub>3</sub>X<sub>2</sub>/n, where X is either a hydrogen atom or an alkali and/or alkaline earth metal atom to be exchanged having the respective valency n.

IPC 8 full level

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