

Title (en)
OPTIMIZED ELECTROCOATING OF ASSEMBLED AND PARTLY PREPHOSPHATED COMPONENTS

Title (de)
OPTIMIERTE ELEKTROTAUHLACKIERUNG VON ZUSAMMENGEFÜGTEN UND TEILWEISE VORPHOSPHATIERTEN BAUTEILEN

Title (fr)
PEINTURE ÉLECTROPHORÉTIQUE PAR IMMERSION OPTIMISÉE D'ÉLÉMENTS ASSEMBLÉS ET PARTIELLEMENT PRÉPHOSPHATÉS

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Abstract (en)
[origin: WO2009115485A1] A process for the anticorrosive treatment of metal components that have been heat-treated at a temperature of at least 100°C and at least partially comprise zinc surfaces, wherein the surfaces of the component that consist of zinc already partially have a crystalline zinc phosphate layer, wherein the cleaned component is given an activating pretreatment with an acidic aqueous dispersion of insoluble phosphates having a pH of not less than 4 and the component is subsequently subjected to a phosphating conversion treatment before the electrocoating is applied. The invention also comprises the use of metal components that have been treated in such a process, for the application of multilayer systems and in particular for the manufacture of bodies in automobile production.

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