

Title (en)
METHOD FOR PRODUCING A CORROSION PROTECTIVE COATING AND A COATING SYSTEM FOR SUBSTRATES MADE OF LIGHT METAL

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER KORROSIONSCHÜTZENDEN BESCHICHTUNG UND SCHICHTSYSTEM FÜR SUBSTRATE AUS LEICHTMETALL

Title (fr)
PROCEDE POUR PRODUIRE UN REVETEMENT DE PROTECTION CONTRE LA CORROSION ET SYSTEME EN COUCHES POUR SUBSTRATS EN METAL LEGER

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Application
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Abstract (en)
[origin: DE19807823A1] The invention relates to a method for producing a corrosion protective coating for a substrate made of light metal or of a light metal alloy. According to the invention, a non-electrically conductive first layer (10) is first deposited on the substrate (5), whereby the non-electrically conductive first layer (10) is produced by anodic oxidation of the substrate (5). Later, the non-electrically conductive first layer produced by anodic oxidation is subjected to a redensification. Afterwards, a metallic layer (20) is deposited on the non-electrically conductive first layer (10) without using current. Later, a third layer (30) is deposited on the metallic second layer (20). By using this method, wheel rims and wheel trim, for example, for motor vehicles can be chromed.

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