

Title (en)
METHOD FOR COATING WHEEL RIMS AND THE RESULTING STAIN AND BRAKE DUST RESISTANT COATINGS

Title (de)
VERFAHREN ZUR BESCHICHTUNG VON RADFELGEN SOWIE DIE HIERBEI ERHALTENEN SCHMUTZABWEISENDEN UND BREMSSTRAUBRESISTENTEN BESCHICHTUNGEN

Title (fr)
PROCEDE DE REVETEMENT DE JANTES ET REVETEMENTS RESISTANTS A LA POUSSIERE DE FREINAGE ET REPOUSSANT LA SALETE AINSI OBTENUS

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Application
EP 16727444 A 20160601

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Abstract (en)
[origin: WO2016202587A1] The invention relates to methods for producing dirt-repellent coatings on metal surfaces, particularly on wheel rims, in which a coating agent composition (K), applied to a metal surface which has been pre-coated if necessary, contains: a) at least one component (A) containing polyhydroxyl groups, b) at least one component (B) having on average at least one isocyanate group and on average at least one hydrolysable silane group of formula (I): -X-Si-R₃ sG₃-s where G = identical or different hydrolysable groups, X = an organic group, R₃ = alkyl, cycloalkyl, aryl or aralkyl, wherein the carbon chain can be interrupted by non-adjacent oxygen, sulphur or NR_a groups, where R_a = alkyl, cycloalkyl, aryl or aralkyl, and s = 0 to 2, c) at least one catalyst (D) containing phosphorous and nitrogen, for crosslinking silane groups, and d) at least one catalyst (Z) for reacting the hydroxyl groups with the isocyanate groups, characterised in that the catalyst (Z) is selected from the group consisting of zinc and bismuth carboxylates, aluminium, zirconium, titanium and/or boron chelates, inorganic catalysts containing tin, and mixtures thereof. The invention also relates to coatings obtained according to this method, and to the use of same.

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Citation (search report)
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