

Title (en)
ANTIMICROBIAL PROTECTIVE LAYER, SUBSTRATE HAVING THE ANTIMICROBIAL PROTECTIVE LAYER, AND METHOD FOR PRODUCING THE SUBSTRATE HAVING THE ANTIMICROBIAL PROTECTIVE LAYER

Title (de)
ANTIMIKROBIELLE SCHUTZ-SCHICHT, SUBSTRAT MIT DER ANTIMIKROBIELLEN SCHUTZ-SCHICHT UND VERFAHREN ZUM HERSTELLEN DES SUBSTRATS MIT DER ANTIMIKROBIELLEN SCHUTZ-SCHICHT

Title (fr)
COUCHE DE PROTECTION ANTIMICROBIENNE, SUBSTRAT COMPORTANT LA COUCHE DE PROTECTION ANTIMICROBIENNE, ET PROCÉDÉ DE PRODUCTION DU SUBSTRAT COMPORTANT LA COUCHE DE PROTECTION ANTIMICROBIENNE

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Abstract (en)
[origin: CA3223316A1] The invention relates to an antimicrobial protective layer for protecting a substrate surface of a substrate, the protective layer having at least one antimicrobial reagent having a reagent coloring and at least one inert inorganic color pigment having a color-pigment coloring different from the reagent coloring, and the reagent concentration of the reagent in the protective layer and the color-pigment concentration of the inorganic color pigment in the protective layer being selected in such a way that a protective-layer coloring of the protective layer differs from the reagent coloring. The invention also relates to a substrate having the protective layer for protecting a substrate surface of the substrate. The object is, for example, an object of a public means of transportation or an object of an infrastructure installation used by multiple persons. In addition, the invention also relates to a method for producing the substrate having the protective layer, comprising the following method steps: a) providing a starting substrate having a starting-substrate surface and b) arranging the protective layer on the starting-substrate surface. By means of the invention, surfaces to be protected can be designed in any color. A spraying method is preferably used for the application. For flexible substrates (e.g. made of a nonwoven material), a roll-to-roll method can be used.

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