

Title (en)
USE OF (HETERO)POLYOXOMETALATES FOR SIMULTANEOUSLY IMPARTING ANTIMICROBIAL PROPERTIES TO A SURFACE OF A SUBSTRATE AND REDUCING THE GROWTH OF A BIOFILM ON THE SURFACE OF THE SUBSTRATE

Title (de)
VERWENDUNG VON (HETERO)POLYOXOMETALLATEN ZUR GLEICHZEITIGEN ÜBERTRAGUNG ANTIMIKROBIELLER EIGENSCHAFTEN AUF EINE OBERFLÄCHE EINES SUBSTRATS UND ZUR VERRINGERUNG DES WACHSTUMS EINES BIOFILMS AUF DER OBERFLÄCHE DES SUBSTRATS

Title (fr)
UTILISATION DE (HÉTÉRO)POLYOXOMÉTALATES POUR CONFÉRER SIMULTANÉMENT DES PROPRIÉTÉS ANTIMICROBIENNES À UNE SURFACE D'UN SUBSTRAT ET RÉDUIRE LA CROISSANCE D'UN BIOFILM SUR LA SURFACE DU SUBSTRAT

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Abstract (en)
[origin: EP3175867A1] The present invention relates to the use of at least one (hetero)polyoxometalate for simultaneously imparting antimicrobial properties to a surface of a substrate and reducing the growth of a biofilm on the surface of the substrate. Furthermore, the present invention relates to a substrate comprising a (hetero)polyoxometalate or a mixture of (hetero)polyoxometalates, wherein the substrate is selected from a polymer body, paint, varnish and coating.

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