

Title (en)  
COMPONENT WITH A COATING FOR REDUCING THE WETTABILITY OF THE SURFACES AND METHOD FOR PRODUCTION THEREOF

Title (de)  
BAUTEIL MIT EINER BESCHICHTUNG ZUR VERRINGERUNG DER BENETZBARKEIT DER OBERFLÄCHE UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
COMPOSANT PRESENTANT UN REVETEMENT CONCU POUR REDUIRE LA MOUILLABILITE DE LA SURFACE ET PROCEDE POUR LE PRODUIRE

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Application  
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Abstract (en)  
[origin: WO2006082180A1] The invention relates to a component made from a substrate with a coating, whereby the coating forms a surface of the component with reduced wettability. The invention further relates to production of said component. The coating which forms a surface with projections (19) and recesses (20), brings about a reduction in wettability, in particular, by means of an effect based on the properties of lotus blossom. According to the invention, a metal with antimicrobial properties, in particular, silver is provided under the coating, which is not fully covered by the coating, in other words, regions (21) remain free of the coating in which the surface of the component is formed by the metal with antimicrobial properties.

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