

Title (en)

WATERPROOF APERTURED SURFACES OR MATERIALS USING NANOPARTICLE HYDROPHOBIC TREATMENTS

Title (de)

WASSERDICHTHE PERFORIERTE OBERFLÄCHEN ODER MATERIALIEN UNTER VERWENDUNG VON HYDROPHOBER NANOPARTIKELBEHANDLUNG

Title (fr)

SURFACES OU MATÉRIAUX AJOURÉS ÉTANCHES À L'EAU UTILISANT DES TRAITEMENTS HYDROPHOBES À BASE DE NANOPARTICULES

Publication

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Application

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Priority

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Abstract (en)

A method of manufacturing an apertured waterproof material (16) having a breaching member (15) passing through an aperture (13). The method comprises treating said breaching member (15) with a nanoparticle hydrophobic or superhydrophobic composition to create a hydrophobic field (14) extending beyond said breaching member (15); and inserting said breaching member (15) through said aperture (13); whereby said hydrophobic field (14) precludes passage of liquid through said aperture (13). The apertured waterproof material having a breaching member (15) passing through an aperture (13) produced by the method is also provided.

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

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