

Title (en)

PREPARATION METHOD OF A BASE SUITABLE FOR USE TO IMPROVE THE DURABILITY OF THE SUPERHYDROPHOBIC SURFACES

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ZUR VERBESSERUNG DER HALTBARKEIT VON SUPERHYDROPHOBEN OBERFLÄCHEN GEEIGNETEN TRÄGERS

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UNE BASE APPROPRIÉE POUR UNE UTILISATION POUR AMÉLIORER LA DURABILITÉ DES SURFACES SUPERHYDROPHOBES

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Application

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Abstract (en)

[origin: WO2021133318A1] The invention relates to a preparation method of a base suitable for use under the coating so as to obtain superhydrophobic surfaces which are suitable for easy adaptation to the industrial surfaces, has increased durability and economic life and has high repellency, comprises the following process steps; preparing a polymeric liquid mixture (i), placing a material with a three-dimensional fiber matrix structure to be used as a template (ii), coating said liquid mixture on the fiber matrix material (iii), curing and cooling the mixture (iv), separating the cured elastomeric mixture from the surface of the fiber matrix material (v).

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