

Title (en)

METHOD FOR HYDROPHOBIZING AND/OR OLEOPHOBIZING A MATERIAL, AND HYDROPHOBIZED AND/OR OLEOPHOBIZED COMPONENT

Title (de)

VERFAHREN ZUR HYDROPHOBIERUNG UND/ODER OLEOPHOBIERUNG EINES WERKSTOFFS SOWIE HYDROPHOBIERTES UND/ODER OLEOPHOBIERTES BAUTEIL

Title (fr)

PROCÉDÉS D'HYDROPHOBISATION OU D'OLÉOPHOBISATION D'UN MATÉRIAU ET ÉLÉMENT HYDROPHOBISÉ OU OLÉOPHOBISÉ

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Abstract (en)

[origin: WO2015161933A1] The invention relates to methods for hydrophobizing and/or oleophobizing a material. The method involves the following steps: - charging a compressed gas (22) with a water repellent and/or oil repellent (21); - bringing the material (15) in contact with the compressed, charged gas (20); and - eliminating the gas (20) from the material (15). The invention further relates to a component of an electric machine, comprising or made of a material. According to the invention, a water repellent and/or an oil repellent can be detected down to a depth of at least 1mm in the material in a an area located near the surface of the material.

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