

Title (en)

METHOD FOR COATING FIBER-REINFORCED PLASTIC STRUCTURAL PARTS AND STRUCTURAL PART SO PRODUCED

Title (de)

VERFAHREN ZUR LACKIERUNG VON BAUTEILEN AUS FASERVERSTÄRKTEN KUNSTSTOFFEN SOWIE EIN SOLCHERART HERGESTELLTES BAUTEIL

Title (fr)

PROCEDE DE LAQUAGE DE PIECES EN PLASTIQUES RENFORCES PAR FIBRES ET PIECE AINSI OBTENUE

Publication

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Application

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Abstract (en)

[origin: WO03080310A1] Fiber-reinforced structural parts are coated to refine and color the surfaces especially if they are used as body parts in the automotive industry. According to the invention, a plastic film that already has the desired properties regarding the structure and optionally the color of the surface of the structural part and that is already preformed corresponding to the topography of the surface of the structural part is inserted in a corresponding mold. A fiber-reinforced plastic, preferably comprising a duroplastic or thermoplastic matrix, is applied to the side of the preformed film that is not the surface by means of a method adapted to the composition of the semi-finished product and the finished structural part is withdrawn from the mold once the fiber-reinforced plastic has been pressed and hardened or cooled off.

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