

Title (en)

HOLLOW SECTION PROFILE WITH A POLYURETHANE FOAM REINFORCEMENT AND METHOD FOR PRODUCING THE SAME

Title (de)

HOHLKAMMERPROFIL MIT EINER POLYURETHAN-AUSSCHÄUMUNG UND VERFAHREN

Title (fr)

CAVITE PROFILEE A MOUSSAGE POLYURETHANE ET PROCEDE PERMETTANT DE LA PRODUIRE

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Application

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Abstract (en)

[origin: WO0123162A1] The invention relates to hollow section profiles (1) with a polyurethane foam reinforcement (2). Said profiles are especially produced by applying a liquid reaction mixture (15) on a support material insert (3) while said support material insert (3), together with the reaction mixture (15), is drawn into the hollow section profile (1) at a constant speed. The support material insert (3) used has a retarded permeability for the reaction mixture (15), the retardation period lasting from the time of application of the reaction mixture (15) to the insertion of the hollow section profile (1), and the support material insert (3) then turning permeable to the reaction mixture (15). The foamed material (2) produced is characterized by an excellent adherence to the inner walls (4) of the hollow section profile (1) across the entire profile cross-section.

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