

Title (en)
PLASTIC FILLED OR HOLLOW CHAMBER PROFILES, ESPECIALLY FOR COMPOSITE PROFILES

Title (de)
VOLL- ODER HOHLKAMMERKUNSTSTOFFPROFILE, INSBESONDERE FÜR VERBUNDPROFILE

Title (fr)
PROFILES EN MATIERE PLASTIQUE, A CHAMBRE PLEINE OU CREUSE, NOTAMMENT POUR PROFILES COMPOSITES

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Application
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Abstract (en)
[origin: WO0148346A1] The aim of the invention is to improve known plastic filled or hollow chamber profiles, especially such as those used for absorbing tensile, bending or pressure loads, especially such as those used as insulating segments in composite profiles consisting of shaped metal parts, in such a way as to avoid the problems that are normally caused by the high filler content of the plastic material that is used. Said fillers are used to improve the expansion characteristics of the plastic. To this end, the plastic filled or hollow chamber profiles contain a surface layer consisting of a compact, non-porous first plastic material and in the core area, a fine-pored cellular structure consisting of a second plastic material.

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