

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

Publication

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Application

EP 00956430 A 20000811

Priority

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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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Citation (opposition)

Opponent :

- DE 19617616 A1 19970814 - GARTNER & CO J [DE] & ULLMANN'S ENCYKLOPÄDIE DER TECHN. CHEMIE: "Radionuklide bis Schutzgase", vol. 20, 1981, VERLAG CHEMIE, WEINHEIM, ISBN: 3-527-20020-7, article 4. NEUBEARBEITET UND ERWEITERTE AUFLAGE, pages: 415 - 418
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EP3162531A1; WO2017186722A1

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WO 0148346 A1 20010705; AT E329121 T1 20060615; AU 6837600 A 20010709; CA 2395496 A1 20010705; CA 2395496 C 20081021; DE 19962964 A1 20010705; DE 50012939 D1 20060720; DK 1242709 T3 20060904; DK 1242709 T4 20100705; EP 1242709 A1 20020925; EP 1242709 B1 20060607; EP 1242709 B2 20100310; ES 2261231 T3 20061116; ES 2261231 T5 20100719; PL 203869 B1 20091130; PL 355653 A1 20040504; PT 1242709 E 20060929; US 2003035910 A1 20030220; US 6803083 B2 20041012

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