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<p>(30) Priority: 2/2/1981 DD 227371 claimed.</p> <p>(56) References: AT-PS 229561 DE-AS1147029 DE-AS2127582 DE-OS2318292 DE-OS2937417 DD-PS 110210</p>	<p>(73) Patent holder: VEB KRAFTFAHRZEUGWERK "ERNST GRUBE" WERDAU WERDAU (DD)</p> <p>(72) Inventors: FREUND WOLFGANG, GRAD. ENG. LANGENBERNSDORF (DD). KIESSLING WERNER, ENG. WERDAU (DD). OCHMANN HUBERT, DR. ENG. DRESDEN (DD).</p>
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(54) METHOD FOR MANUFACTURING GLASS FIBER POLYESTER / POLYURETHANE SANDWICH COMPONENTS THAT CAN BE SUBJECTED TO HIGH DYNAMIC LOADING

(57) In a method for manufacturing glass fiber polyester / polyurethane sandwich components, which can be subjected to high dynamic loading, with outer layers of glass fiber polyester and with a supporting core of rigid polyurethane foam, for use in vehicle construction and the like, with primarily supporting functions, it is proposed that the materials of the outer layers, then a barrier layer, such as paper-like films, impregnated fine weave fabric etc., and an anchoring material, preferably in the form of a dimensionally stable preform, which is adhesively bonded from the barrier layer and the anchoring material, are placed in a mold, whereupon an expandable mixture, forming a rigid polyurethane foam, is introduced and made to expand, whereupon the resin that is used for forming the glass fiber polyester is injected and cured.

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