

Title (en)

Woven plastic fiber cloth having fused stiffening areas

Title (de)

Kunstfasergewebe mit verschmolzenen Versteifungszonen

Title (fr)

Tissu de fibres plastiques comportant des zones de renfort fondues

Publication

EP 0687755 A1 19951220 (EN)

Application

EP 95303017 A 19950503

Priority

US 24111994 A 19940510

Abstract (en)

A cloth-like material (20) formed from woven plastic fibers includes a surface region (30) of bonded together fibers. The region adds stiffness to the material thereby improving its utility in, for example, self-standing handles for large plastic bags. In one embodiment, the surface region is formed by pressing a hot iron against a surface of the material. The plastic fibers partially melt, and a slight depression is formed in the material having side and bottom walls formed from fused material from fibers adjoining the depression walls. The stiffened material can be attached as a stiffening rib to the surface of a flexible sheet, e.g., a sheet also formed from woven plastic fibers. In another embodiment, the surface region is formed by means of a rib of hardened, fused plastic. <IMAGE>

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IPC 8 full level

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Citation (search report)

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- [XY] PATENT ABSTRACTS OF JAPAN vol. 014, no. 458 (C - 0766) 3 October 1990 (1990-10-03)

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