

Title (en)
Method for producing a patterned glass fabric

Title (de)
Verfahren zur Herstellung eines gemusterten Glasgewebes

Title (fr)
Procédé de fabrication d'un tissu de verre à motifs

Publication
EP 0980921 B1 20021106 (DE)

Application
EP 99111721 A 19990617

Priority
DE 19837825 A 19980820

Abstract (en)
[origin: EP0980921A1] To produce a patterned woven glass fiber material a pattern-controlled Jacquard loom is used to weave the glass filament yarns. The warps are 130-150 tex and pref. 139-142 tex, and the wefts are 190-400 tex and pref. 215 tex. The deviations in the thickness of the glass fiber yarns are plus or minus 10% and pref. plus or minus 7%. The material has a high warp density of 40-100 yarns/10 cm and pref. 80 yarns/10 cm. The weft density is 30-80 yarns/10 cm and pref. 50 yarns/10 cm. The glass filament yarns are texturized, with a lower textured level in the warps than in the wefts. The glass yarns contain a proportion of colored glass fibers. The glass filament yarns can be mixed with a non-flammable polymer yarn, and especially in the wefts. The patterned and woven glass fiber fabric is coated with a mixture of starch and plastics.

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D03D 15/00; **D06N 7/00**

IPC 8 full level
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CPC (source: EP US)
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Cited by
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