

Title (en)
Woven glass web

Title (de)
Textilglasgewebbahn

Title (fr)
Bande de tissu de verre

Publication
EP 0909850 B1 20040107 (DE)

Application
EP 98118639 A 19981002

Priority
DE 29718222 U 19971014

Abstract (en)
[origin: EP0909850A2] The woven web is composed of 100% textile glass fibers, with a self-adhesive layer on the reverse side. At least sections of the filaments in the warps and wefts, forming the front side of the material, are coated with a thin layer of a polymer adhesion primer to carry a single- or multi-color print. The polymer primer is printed as a thin layer only in zones for a decorative pattern. The polymer adhesion primer is transparent or translucent or is colored. The polymer adhesion primer is made of or contains polyurethane. The thin polymer layer is resistant to ironing or wet rubbing. The decorative pattern is applied by dye print, transfer print, ink jet printing, plotter printing or rotary press printing. The thin polymer adhesion primer or the decorative print additionally contains an ultraviolet stabilizer such as a benzotriazol derivative or heat stabilizer such as a piperidine derivative. Open zones are left at the intersections between the warps and wefts. The printed pattern is covered by a transparent or translucent or a colored coating. The material can be finished using aqueous emulsions of piperidine derivatives. The decorative pattern is a continuous patterning or motifs or pattern or motif repeats, in at least one direction.

IPC 1-7
D06N 7/00; **D03D 15/00**

IPC 8 full level
D03D 15/00 (2006.01); **D06N 7/00** (2006.01)

CPC (source: EP)
D03D 15/267 (2021.01); **D06N 7/0092** (2013.01); **D06N 2201/082** (2013.01); **D06N 2203/068** (2013.01); **D06N 2209/0807** (2013.01); **D06N 2209/0861** (2013.01); **D06N 2209/1657** (2013.01); **D06N 2211/12** (2013.01)

Cited by
EP1262591A1; DE102015113674A1; DE102007009619A1; EP1143064A3; US6337104B1; EP1254984A1; EP1101749A1; US6291011B1; EP1964966A1; WO2011073262A1; DE102009059172A1

Designated contracting state (EPC)
AT CH DE DK ES FR GB LI NL SE

DOCDB simple family (publication)
EP 0909850 A2 19990421; **EP 0909850 A3 20001213**; **EP 0909850 B1 20040107**; AT E257526 T1 20040115; DE 29718222 U1 19990218; DE 59810538 D1 20040212

DOCDB simple family (application)
EP 98118639 A 19981002; AT 98118639 T 19981002; DE 29718222 U 19971014; DE 59810538 T 19981002