

Title (en)  
Textile reinforcement fabric for the manufacture of composite materials

Title (de)  
Textile Verstärkungseinlage für die Herstellung von Kompositmaterialien

Title (fr)  
Armature textile utilisable pour la réalisation de matériaux composites

Publication  
**EP 0694643 B1 19980401 (FR)**

Application  
**EP 95420197 A 19950717**

Priority  
FR 9409260 A 19940721

Abstract (en)  
[origin: EP0694643A1] The textile fabric for use in a composite material, such as of a resin base such as polyester and others for use in moulds using pressure or injection or vacuum, has a layer (4) of synthetic fibres at least at one surface. The other layers (1-3) are stitched to the main layer (4) so that the layers (1-4) are all bonded together. Pref. The fibres of the fibre layer (4) are synthetic, significantly thinner than the other fibres in the composite fabric structure. The fibre layer (4) is a material with a weight of 50-150 g/m<2>, of polyester, with fibres of 1-7 dtex. <IMAGE>

IPC 1-7  
**D04B 21/16**; **D04H 13/00**

IPC 8 full level  
**D04B 21/14** (2006.01); **D04B 21/16** (2006.01); **D04H 1/4218** (2012.01); **D04H 1/435** (2012.01); **D04H 1/4374** (2012.01); **D04H 1/44** (2006.01); **D04H 1/52** (2006.01); **D04H 13/00** (2006.01)

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Cited by  
WO2013190221A1; EP0837167A1; FR2834726A1; CN100383309C; CN111373083A; FR2992000A1; ES2239502A1; EP2657385A1; FR2989696A1; FR2854172A1; FR2834303A1; EP1318222A1; FR2833275A1; WO2016005908A1; WO2011021133A1; WO03072867A1; WO2011021134A2; WO9816676A1; WO03060218A1; WO03078713A3; WO03050340A3; WO03060217A3

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