

Title (en)
FLEECE OF SYNTHETIC FIBRES

Publication
EP 0157136 A3 19870722 (DE)

Application
EP 85101720 A 19850216

Priority
DE 8406900 U 19840307

Abstract (en)
[origin: US4595622A] A felting of synthetic fibers having an embossed pattern that forms depressions in at least one surface of the felting is disclosed. The surface of the felting with depressions contains, in at least the area of the depressions, a layer of small hollow spheres that are bonded to one another and to the felting by means of a binding agent. The layer of hollow spheres fills up, at least partially, the depressions in the surface of the felting produced by embossing. This reinforces and strengthens the thinner areas of felting in the vicinity of these depressions. When the reinforced felting is applied to a shoe upper, for example, the resulting upper has improved stiffness and strength. Furthermore, the excessive penetration of adhesive into the felting, which can cause a spotty or uneven appearance of the reinforced upper, is prevented. Resistance to splitting and separating is likewise improved.

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D06N 7/00; **D06N 3/00**

IPC 8 full level
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Citation (search report)
• [A] DE 3117721 A1 19821125 - SCHAEFER HELMUT [IT]
• [A] GB 2050382 A 19810107 - EBNOETHER AG [CH]
• [A] FR 2178005 A1 19731109 - PENNWALT CORP [US]

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EP 0157136 A2 19851009; **EP 0157136 A3 19870722**; **EP 0157136 B1 19890118**; AT E40162 T1 19890215; DE 8406900 U1 19840530; US 4595622 A 19860617

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