

Title (en)  
METHOD FOR MAKING PATTERNS ON NEEDLED NON-WOVEN FABRICS

Publication  
**EP 0329577 B1 19921104 (FR)**

Application  
**EP 89420052 A 19890215**

Priority  
FR 8802185 A 19880216

Abstract (en)  
[origin: EP0329577A1] According to this method, the looped face of the needled fabric (2) is subjected to the action of an embossing cylinder (3), the depth of engraving of which is less than the height of the loops (5a) of the needled fabric (2), the embossing cylinder (3) being brought to a temperature clearly below the softening temperature of the thermoplastic fibres of the needled fabric, and the back-up cylinder (4) likewise being heated. <IMAGE>

IPC 1-7  
**D06C 23/04**

IPC 8 full level  
**D06C 23/00** (2006.01); **D06C 23/04** (2006.01)

CPC (source: EP)  
**D06C 23/04** (2013.01)

Cited by  
US2015125647A1; FR3112350A1; CN103643434A; CN103643435A; CN103643433A; DE19734943A1; DE19734943C2; US6818282B2

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**EP 0329577 A1 19890823; EP 0329577 B1 19921104**; AT E82025 T1 19921115; AU 2997589 A 19890817; AU 609248 B2 19910426; DE 68903340 D1 19921210; FR 2627197 A1 19890818; FR 2627197 B1 19900608; JP H01246465 A 19891002

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