

Title (en)
A PROCESS FOR LAMINATING TEXTILES

Publication
EP 0331215 B1 19920408 (EN)

Application
EP 89200041 A 19890109

Priority
DK 108488 A 19880301

Abstract (en)
[origin: EP0331215A2] In a process for laminating textiles, wherein a textile web (1) is coated with adhesive in a spraying station (3) and joined with a layer of wadding (8) or with another textile web when passing through a pair of rollers (9), the adhesive used is a moist curing solvent-free polyurethane prepolymer of the mono-component type which is sprayed on the textile web under essentially anhydrous conditions, and then the laminate is allowed to cure in usual atmosphere having normal moisture. Preferably, the adhesive maximum contains 1.5% free isocyanate, and it preferably has a viscosity of about 9000 mPa.s at 130 DEG C, a density of 1.1 and a softening point (ring/ball) of 45 DEG C. Such an adhesive is sprayed at about 190 DEG C, measured at the nozzle tips. The result is a product having excellent properties with respect to washing fastness and softness, just as the drawbacks usually involved in spray lamination are avoided in the production.

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IPC 8 full level
B32B 5/26 (2006.01); **D04H 1/58** (2006.01); **D06M 17/00** (2006.01); **D06M 17/10** (2006.01)

CPC (source: EP)
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Cited by
US5723534A; EP1593724A1; US5656351A; US6287407B1; US5407517A; NL1021065C2; DE9017007U1; EP0407247A1; FR2649866A1; US5424114A; US5436051A; EP2248598A1; US8057885B2; WO2010128019A1; WO9629459A1; US7641968B2; US6398895B1

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