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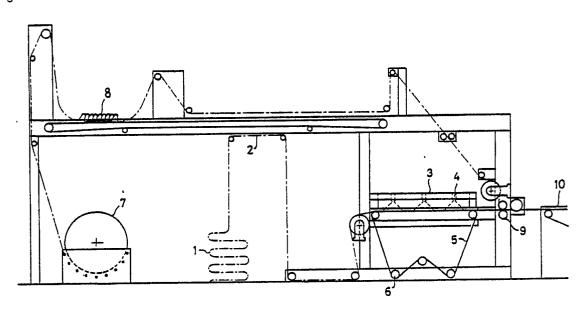
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(54) A process for laminating textiles.

⑤ 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 monocomponent 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 °C, a density of 1.1 and a softening point (ring/ball) of 45 °C. Such an adhesive is sprayed at about 190 °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.





EUROPEAN SEARCH REPORT

EP 89 20 0041

		CUMENTS CONSIDERED TO BE RELEVANT		
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Y	DE-A-1 930 340 (BAY	ER)	1,5	D 06 M 17/10
Α	FR-A-1 495 460 (MAIL * Whole *	LARD)	1	
X,Y	US-A-3 847 722 (KIST * Whole *	NER)	1,5	
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			·	TECHNICAL FIELDS SEARCHED (Int. CI.5)
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	Place of search Date of completion		search	Examiner
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