

Title (en)

A METHOD OF ADHERING AN ADHESIVE TO A FABRIC PIECE

Title (de)

VERFAHREN ZUM VERKLEBEN EINES KLEBSTOFFS MIT EINER TEXTILEN WARE

Title (fr)

PROCÉDÉ DE COLLAGE D UN ADHÉSIF À UN MORCEAU DE TISSU

Publication

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Application

EP 09784621 A 20090622

Priority

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- GB 0811518 A 20080623

Abstract (en)

[origin: GB2461332A] A method of adhering an adhesive to a fabric piece comprising the steps of providing a fabric piece, pre-treating a portion of the fabric piece to increase its surface wettability; and, pressing the adhesive and the pre-treated portion of the fabric piece together. The pre-treatment may include roughening the surface or subjecting the surface to plasma, preferably neutral plasma. The adhesive may be a film, preferably thermoplastic, more preferably a polyurethane. Most preferably the adhesive is a coating on a tape. In another aspect, a composite structure comprising a fabric piece, a portion of the surface of which has a greater surface wettability than the surrounding surface and an adhesive bonded to the portion. In yet another aspect, an apparatus¹ for adhering an adhesive⁵ to a fabric⁷ comprising first and second plates^{2,3} having a gap therebetween⁴, a displacement means and a pretreatment means⁸.

IPC 8 full level

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