

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

**EP 2310466 A1 20110420 (EN)**

Application

**EP 09784621 A 20090622**

Priority

- GB 2009001538 W 20090622
- 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 apparatus<sup>1</sup> for adhering an adhesive<sup>5</sup> to a fabric<sup>7</sup> comprising first and second plates<sup>2,3</sup> having a gap therebetween<sup>4</sup>, a displacement means and a pretreatment means<sup>8</sup>.

IPC 8 full level

**C09J 5/02** (2006.01); **A41H 43/04** (2006.01); **B29C 65/00** (2006.01); **B65H 20/00** (2006.01); **C09J 5/06** (2006.01); **C09J 7/21** (2018.01); **C09J 7/35** (2018.01); **D06M 10/02** (2006.01)

CPC (source: EP GB)

**A41H 43/04** (2013.01 - EP); **B29C 65/5057** (2013.01 - EP); **B29C 66/026** (2013.01 - EP); **B29C 66/028** (2013.01 - EP); **B29C 66/1122** (2013.01 - EP); **B29C 66/43** (2013.01 - EP); **B29C 66/431** (2013.01 - EP); **B29C 66/4722** (2013.01 - EP); **B29C 66/729** (2013.01 - EP); **B29C 66/836** (2013.01 - EP); **B32B 7/12** (2013.01 - EP); **B32B 27/12** (2013.01 - EP GB); **B32B 27/40** (2013.01 - EP); **C09J 5/02** (2013.01 - EP GB); **C09J 5/06** (2013.01 - EP); **C09J 7/21** (2018.01 - EP); **C09J 7/35** (2018.01 - EP); **D06B 11/0089** (2013.01 - GB); **D06B 23/20** (2013.01 - GB); **D06H 5/00** (2013.01 - EP); **D06M 17/10** (2013.01 - GB); **B29C 59/14** (2013.01 - EP); **B29C 65/4815** (2013.01 - EP); **B29C 65/5092** (2013.01 - EP); **B29C 66/022** (2013.01 - EP); **B29C 66/135** (2013.01 - EP); **B29C 66/73161** (2013.01 - EP); **B29K 2313/00** (2013.01 - EP); **C09J 2400/263** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**GB 0811518 D0 20080730**; **GB 2461332 A 20100106**; BR PI0914582 A2 20151215; CA 2729196 A1 20100121; EP 2310466 A1 20110420; JP 2011525564 A 20110922; WO 2010007340 A1 20100121

DOCDB simple family (application)

**GB 0811518 A 20080623**; BR PI0914582 A 20090622; CA 2729196 A 20090622; EP 09784621 A 20090622; GB 2009001538 W 20090622; JP 2011515589 A 20090622