

Use of a multi-layered sheet material having at least one textile fabric

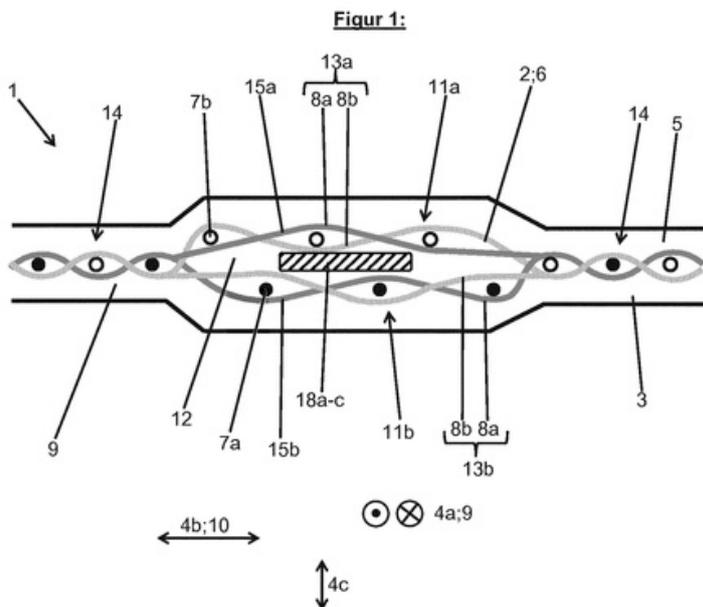
DE102016109070

Date of Publication: 2017-11-23

Applicant(s): Hübner

Abstract

The present invention relates to the use, as a concertina-type wall (19) of a concertina-type passage (16), of a multi-layered sheet material (1) having a reinforcement (2), which has a polymer coating (3) on at least one side, preferably on both sides, wherein the reinforcement (2) has at least one reinforcement fabric (6) consisting of warp threads (7a; b) and weft threads (8a; b), and wherein the sheet material (1) has at least one channel (12) extending through the sheet material (1), wherein the warp and weft threads (7a; b; 8a; 8b) are woven together in such a manner that the reinforcement fabric (6) has both single-ply woven fabric regions (14) and at least one at least two-ply woven fabric region with at least two woven fabric plies (15a; b) which are not connected to each other so that the channel (12) is formed between the respective woven fabric plies (15a; b). The invention also relates to a passage element for protecting, using a sheet material of this type, a passage between two vehicle parts or components from external influences, the parts or components being interconnected movably relative to each other. The invention also relates to a vehicle, a passenger boarding bridge or passenger boarding steps and a building connection having a passage element of this type



Method for making a coated fabric

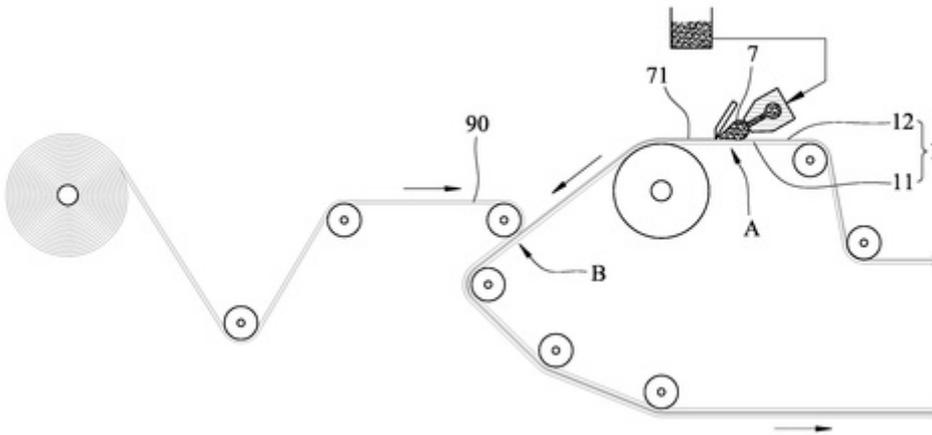
US2017274579

Date of Publication: 2017-09-28

Applicant(s): Fabriccoat

Abstract

A method for making a coated fabric includes the steps of: applying a coating solution of a resin in an organic solvent to a roller-conveyed non-stretchable and releasable substrate web to form a coating layer; laminating a roller-conveyed base fabric to the coating layer to form a laminate; guiding the laminate to pass through at least one tank containing water to immerse the laminate in water such that the coating layer is solidified and the organic solvent contained in the coating layer is replaced by water; and removing water from the coating layer by drying to leave micropores in the coating layer.



In-process polyurethane edge coating of laser cut polyurethane laminated fabric

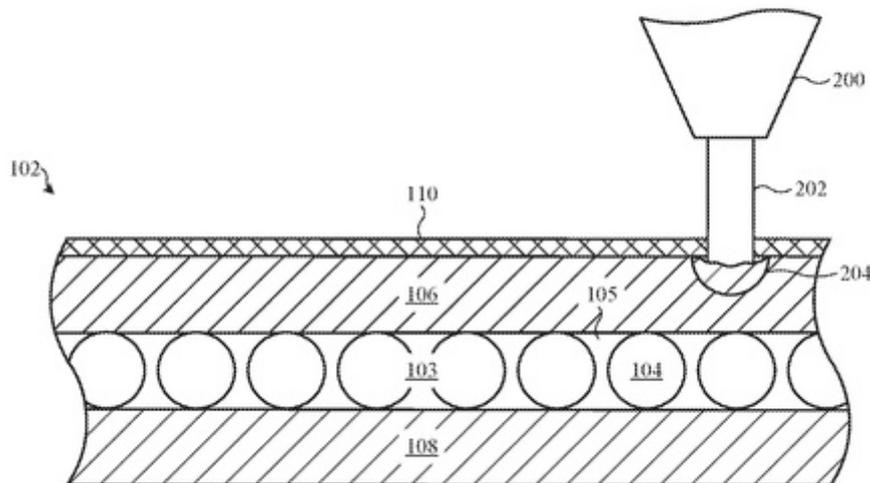
US2017087803

Date of Publication: 2017-03-30

Applicant(s): Apple

Abstract

Processes for forming cosmetically appealing edges on laminated fabric structures are described. The methods involve a laser cutting process that includes in-process melting of polymer material within the laminated fabric so as to coat fibers of the laminated fabric. The resultant cut laminated fabric has a cosmetic edge that has no exposed fibers. The laser cutting and melting can be performed in a single laser cutting operation, making it well suited for integration into manufacturing product lines.



Manufacturing method for coating a fabric with a three-dimensional shape

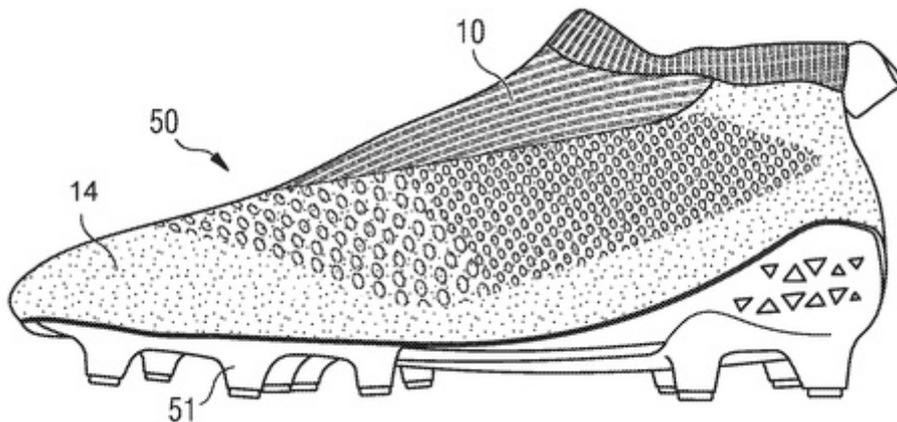
EP3153052

Date of Publication: 2017-04-12

Applicant(s): Adidas

Abstract

The present invention relates to a method of manufacturing an article comprising a fabric (10), wherein the method comprises at least the steps of: (a.) providing a fabric (10) comprising a first surface and a second surface opposite the first surface; (b.) placing the fabric (10) on a surface of a support structure (11), wherein the support structure (11) is adapted to permit gas circulation through at least a portion of its surface (12) and comprises at least a raised or embossed portion (13) on its surface (12), and wherein the fabric (10) is placed such that the first surface of the fabric (10) faces the surface (12) of the support structure (11) and such that the fabric (10) is arranged at least in part over the raised or embossed portion (13) of the support structure (11); (c.) providing at least one coating (14) comprising a first surface and a second surface opposite the first surface; (d.) placing the coating (14) at least partially on the second surface of the fabric (10), such that the first surface of the coating (13) faces the fabric (10); and (e.) applying a gas pressure differential between the second surface of the coating (14) and the first surface of the fabric (10).



Process for coating both sides of a web in one pass

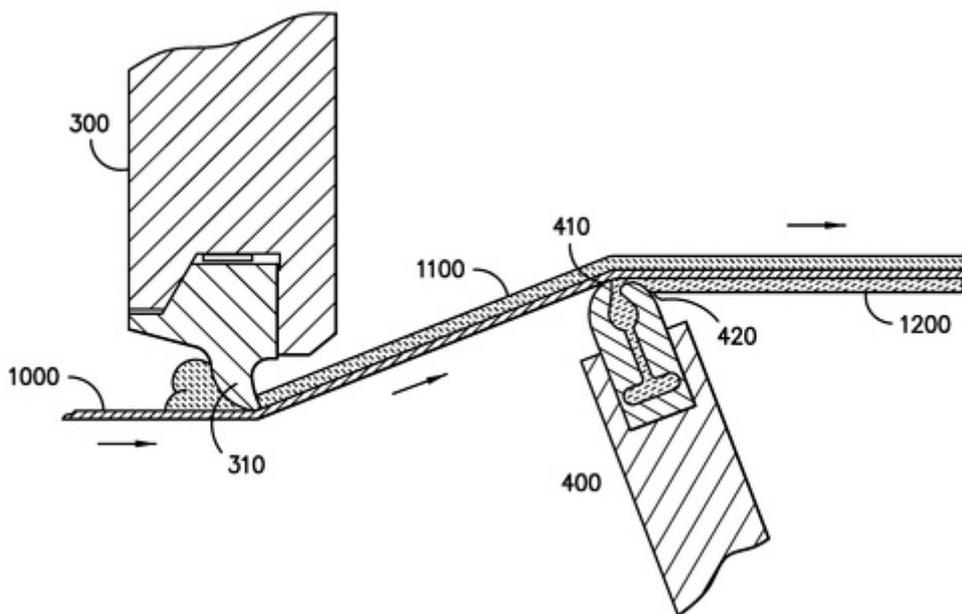
GB201704266

Date of Publication: 2017-05-03

Applicant(s): Milliken

Abstract

The upper and lower coatings are each in an add-on amount of between about 10 and 75 GSM. The second coater comprises an entry edge and a beveled exit edge, where the entry edge is located closer to the first coater than the beveled exit edge, the entry edge of the second coater is in contact with the lower side of the fabric web, and the beveled exit edge of the second coater is not in contact with the web.



Method and device for the application of a functional structure to a textile substrate

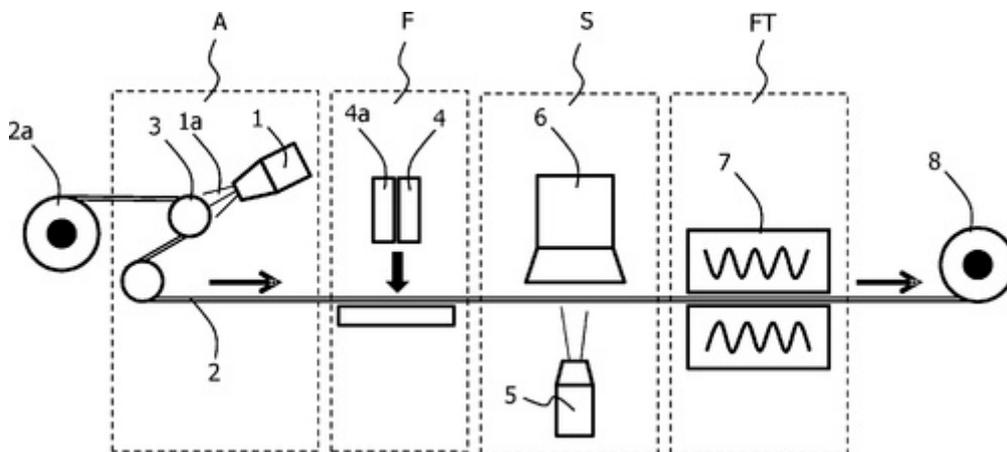
DE102015218900

Date of Publication: 2017-03-30

Applicant(s): Textilforschungsinstitut Thuringen

Abstract

The invention relates to a method for applying a functional structure onto a textile substrate comprising the steps of: providing a functional powder mixture of a powder coating and a powdery functional component, coating the functional powder mixture to the textile substrate, placing the functional structure to the with the functional powder mixture-coated textile substrate, wherein a fixing the powder mixture on the textile substrate along the inserted functional structures is, removing non-fixed components of the functional powder mixture of the textile substrate. A device for applying a functional pattern on a textile substrate in the form of a continuously conveyed web includes a continuous installation of an application unit for a functional powder mixture to the fabric, a subsequent unit for introducing the functional structure on with the functional powder mixture covered web and an immediately subsequent draw - or blower for removing non-on the web by fixed parts of the functional powder mixture.



Gloves having reinforcements and impact features

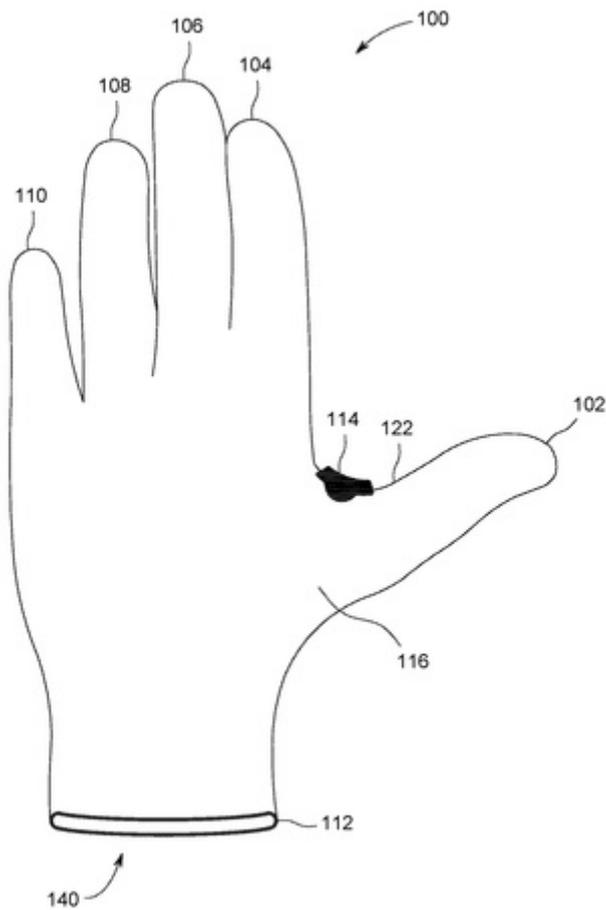
US2017055607

Date of Publication: 2017-03-02

Applicant(s): Ansell

Abstract

Gloves (200) comprising a polymeric coating or layer (216), optionally including a fabric liner (218), and at least one reinforcement (114), disposed on the coating, fabric liner, or parts of the coating and the fabric liner, and methods of making gloves are disclosed.



Lasering of a coating comprising effect pigments

EP3231625

Date of Publication: 2017-10-18

Applicant(s): Giesecke&Devrient

Abstract

The Invention concerns a Procedure for the Treatment of a coating in particular for Fibrous Material Substrates and Foils with Laser Radiation, whereby the coating consists of a Bonding Agent, a lasersensitiven Material and an Effect Pigment. The lasersensitive Material carries out a Change of color According To Invention during Effect of Laser Radiation.

Fig. 2

