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(54) METHOD FOR KNITTING GLOVE, AND GLOVE

VERFAHREN ZUM STRICKEN VON HANDSCHUHEN UND HANDSCHUH

PROCÉDÉ DE TRICOTAGE DE GANT ET GANT

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(56) References cited:
**EP-A1- 1 541 733 EP-A1- 1 679 012
EP-A1- 2 492 383 JP-A- 2012 202 008**

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Description**BACKGROUND OF THE INVENTION****Field of the Invention**

[0001] The present invention relates to a method for knitting a glove, and a glove.

Description of the Related Art

[0002] Attempts have been made to sew and knit finger tubes and four-finger body of a glove while being bent toward a palm side in advance to prevent slack from occurring on the palm side of the glove, thus enhancing the fitting property and enabling objects to be easily grasped. For example, Patent Document 1 describes a glove that fits to the hand, the glove being able to be held in a state curved toward the palm side by knitting the center of the knitting width on the back side to a state in which the number of stitches in a wale direction is large with respect to the center of the knitting width on the palm side.

PRIOR ART DOCUMENT**PATENT DOCUMENT**

[0003] [Patent Document 1] Japanese Unexamined Patent Publication No. 2012-202008

SUMMARY OF THE INVENTION

[0004] However, in recent years, suitable gloves for gripping a grip such as sports gloves to be used for golf, baseball, or bicycle are being desired by consumers. With advancement in the diversification of the needs of gloves, the gloves obtained through the conventional sewing and knitting techniques including that described in Patent Document 1 are not suited for gripping the grip and hence are inadequate. Thus, a novel glove for gripping the grip, different from the conventional gloves, is desired.

[0005] In light of the foregoing, it is an object of the present invention to provide a method for knitting a glove curved to easily grip a grip, and a glove obtained through such knitting method.

[Means for Solving the Problem]

[0006] This and other objects are solved by a method for knitting a glove having the steps as set forth in claim 1. A preferred embodiment of the method is stated in claim 2.

[0007] Thus, the present invention relates to a method for knitting a glove including a thumb tubular section, a four-finger body section, and a five-finger body section knitted to a tubular shape, and in which knitting is started from a fingertip side and terminated on a wrist section

side using a flat knitting machine including at least a pair of front and back needle beds; the method including:

step a, the four-finger body section including a first four-finger body portion, a second four-finger body portion, and a third four-finger body portion, and step a including forming a new stitch with a palm side and a back side connected to knit the first four-finger body portion, forming an index finger side flechage portion inclined by repeating a flechage knitting of gradually narrowing a knitting width at one part of a knitting width of an index finger side on the palm side while knitting the back side and the palm side to a C-shape to knit the second four-finger body portion, and forming a new stitch with the palm side and the back side connected to knit the third four-finger body portion; step b of knitting the thumb tubular section to a tubular shape, and

step c, the five-finger body section including a first five-finger body portion, a second five-finger body portion, and a third five-finger body portion, and step c including knitting the first five-finger body portion while forming a new stitch with the palm side and the back side connected following a wale of stitches of the third four-body portion and the thumb tubular section, carrying out narrowing knitting to overlap a thumb side inclined section on a region on the thumb tubular section side of a buffer section while knitting the buffer section and the thumb side inclined section through flechage knitting on the thumb tubular section side of the first five-finger body portion on the palm side while knitting the back side and the palm side to a C-shape to knit the second five-finger body portion, and forming a new stitch with the palm side and the back side connected to knit the third five-finger body portion to a tubular shape.

[0008] According to the present invention, in the knitting of the second four-finger body portion of step a, knitting is carried out while forming a little finger side flechage portion inclined by repeating the flechage knitting of gradually narrowing the knitting width on a little finger side.

[0009] The above mentioned objects are also solved by a glove having the features as defined in claim 3.

[0010] Moreover, the present invention relates to a glove, knitted using a flat knitting machine, including a thumb tubular section, a four-finger body section, and a five-finger body section knitted to a tubular shape with stitches on a palm side and stitches on a back side connected at an end, wherein

the four-finger body section has a first four-finger body portion, a second four-finger body portion, and a third four-finger body portion lined, and the five-finger body section has a first five-finger body portion, a second five-finger body portion, and a third five-finger body portion lined; and

the palm side connecting to the back side of the second four-finger body portion is configured by an index finger

side flechage portion formed by carrying out flechage knitting such that the number of wales gradually reduces from a knitted fabric end on an index finger side; a thumb side inclined section formed through narrowing knitting on the palm side connecting to the back side of the second five-finger body portion is connected to the first five-finger body portion by way of a buffer section that disperses the distortion of the knitted fabric; and the wale of the stitches of the first five-finger body portion and the wale of the stitches of the thumb side inclined section are intersected.

[Effects of the Invention]

[0011] In the present invention, the flechage knitting of gradually reducing the knitting width is carried out to form the index finger side flechage portion on the index finger side of the second four-finger body portion of the glove, and then a new stitch is formed to knit the third four-finger body portion, so that the glove can be curved toward the palm side with a shape lying along the grip due to the difference in length and the difference in number of courses at a connecting portion of the second four-finger body portion and the third four-finger body portion. Furthermore, according to the flechage knitting, an area connecting to the inclined portion of the third four-finger body portion and the index finger side flechage portion becomes a region where the stitches are pulled along the inclination, and an area connecting to a flat portion of the third four-finger body portion and the index finger side flechage portion becomes a bulged region. Such bulged region becomes the portion to be fitted when gripping a grip-like object. With the arrangement of the buffer section in the second five-finger body portion, the extending/contracting force of the connecting area can be dispersed, and the first five-finger body portion and the thumb side inclined section are connected by way of the buffer section. Thus, with the effects of both the state in which the wale of the stitches of the first five-finger body portion and the wale of the stitches of the thumb tubular section are intersected, and pulled region of the second four-finger body portion described above, the glove can be curved with a space between the thumb and the index finger as the base point.

[0012] In the present invention, a region to be curved is extended by carrying out flechage knitting of gradually reducing the knitting width on a little finger side in addition to a part of the knitting width on the index finger side, on the palm side of the four-finger body portion, so that a glove that is easier to grip can be formed.

BRIEF DESCRIPTION OF THE DRAWINGS

[0013]

Fig. 1 is an enlarged view of a main portion of a glove shown in the present embodiment; and
Figs. 2A and 2B are knitting schematic views of a

palm side and a back side of the glove shown in the present embodiment.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0014] Hereinafter, an embodiment of a glove 1 and a method for knitting the same according to the present invention will be described based on the drawings. In the embodiment, a palm side of the glove 1 is knitted with a front needle bed, and a back side is knitted with a back needle bed. The palm side and the back side of the glove 1 may be knitted with either front or back needle bed, respectively.

«Overall configuration»

[0015] In an example, a method for knitting the glove 1 curved to easily grip a grip and the glove 1 will be described using a thumb tubular section 4, a four-finger body section 3, and a five-finger body section 5 knitted to a tubular shape shown in Fig. 1.

[0016] The four-finger body section 3 includes a first four-finger body portion 3A, a second four-finger body portion 3B, and a third four-finger body portion 3C that are linked, and the five-finger body section 5 includes a first five-finger body portion 5A, a second five-finger body portion 5B, and a third five-finger body portion 5C that are linked. The palm side connecting to the back side of the second four-finger body portion 3B is configured by an index finger side flechage portion 7a knitted by carrying out flechage knitting such that the number of wales gradually reduces from a knitted fabric end on an index finger side. A thumb side inclined section 9 formed through narrowing knitting on the palm side connecting to the back side of the second five-finger body portion 5B is connected to the first five-finger body portion 5A by way of a buffer section 8 that disperses the distortion of the knitted fabric, where the wale of the stitches of the first five-finger body portion 5A and the wale of the stitches of the thumb side inclined section 9 are intersected.

<<Knitting procedure>>

[0017] Fig. 2A is a knitting schematic view of the palm side of the glove 1, and Fig. 2B is a knitting schematic view of the back side. The glove 1 shown in the present embodiment is knitted with a 1x1 rib structure knitted using an elastic yarn for a base yarn, where the elastic yarn applied with tension is inlay knitted in each course. A knitting pattern configuring the glove 1 is not limited, and for example, plain pattern or other different patterns may be adopted. Although not illustrated, the knitting of the glove 1 includes sequentially knitting each finger tube, and then integrally knitting in a seamless manner while joining with a body section toward a wrist section 6.

[0018] The glove 1 is knitted through a known knitting method, where knitting is carried out by sequentially knit-

ting an index finger tube, a middle finger tube, and a ring finger tube, joining the tubes to each other to shift to a three-finger body section 2, and joining a subsequently knitted little finger tube and the three-finger body section 2 each other to shift to the four-finger body section 3. The four-finger body section 3 is configured by the first four-finger body portion 3A, the second four-finger body portion 3B, and the third four-finger body portion 3C. First, the first four-finger body portion 3A is knitted to a tubular shape up to line α with the stitches on the palm side and the stitches on the back side connected at an end. The central part on the palm side, for example, may not be knitted, and the knitting may be carried out to a C-shape. In this case, a shape suited for the grip can be formed in combination with the effect of a little finger side flechage portion 7b, to be described later. Following the first four-finger body portion 3A, on the palm side, the flechage knitting of obtaining an inactive state by sequentially removing the knitting needles from knitting on an index finger side b-h and a little finger side c-i is repeated while knitting the back side and the palm side to a C-shape, and the second four-finger body portion 3B is knitted while forming the inclined index finger side flechage portion 7a and the little finger side flechage portion 7b. The little finger side flechage portion 7b knitted at the little finger side on the palm side is knitted up to line β of the second four-finger body portion 3B, and the flechage knitting is carried out for the following knitting up to line γ while gradually reducing the knitting width on the back side. The flechage knitting of the little finger side flechage portion 7b and the back side does not necessarily require knitting, but the flechage knitting is carried out so that the subsequently knitted second four-finger body portion 3B and the first four-finger body portion 3A can be joined. Other knitting methods may be adopted as long as the second four-finger body portion 3B and the first four-finger body portion 3A can be joined. Further, the flechage knitting may not be carried out on the back side, and may be carried out only at the little finger side flechage portion 7b. When the little finger side flechage portion 7b is formed, a range in which the glove 1 curves toward the palm side is expanded, so that gripping can be more easily carried out. Thereafter, a new stitch is continuously formed from line γ , including the tuck stitches of the inclined portions a-b, c-d, e-f formed in both flechage portions 7a, 7b, to knit the third four-finger body portion 3C to a tubular shape.

[0019] A new stitch is formed in a stitch row of the second four-finger body portion 3B, the index finger side flechage portion 7a, and the little finger side flechage portion 7b to knit the third four-finger body portion 3C, so that the glove 1 can be curved toward the palm side with a shape lying along the grip due to a difference in length and a difference in number of courses at the connecting portion of the second four-finger body portion 3B and the third four-finger body portion 3C. Furthermore, according to the flechage knitting, an area connecting to the inclined portion a-b of the third four-finger body portion 3C and

the index finger side flechage portion 7a becomes a region where the stitches are pulled along the inclination, and an area connecting to a flat portion a-g of the third four-finger body portion 3C and the index finger side flechage portion 7a becomes a bulged region where the number of stitches is greater than the other areas. Such bulged region becomes the portion to be fitted when gripping a grip-like object.

[0020] After knitting the four-finger body section 3, the thumb tubular section 4 is knitted to a tubular shape, and then the five-finger body section 5 is formed from line δ . The five-finger body section 5 is configured by the first five-finger body portion 5A, the second five-finger body portion 5B, and the third five-finger body portion 5C. First, following the wale of the stitches of the third four-finger body portion 3C and the thumb tubular section 4, the first five-finger body portion 5A is knitted to line ϵ with the stitches on the palm side and the stitches on the back side connected at the end. Next, the buffer section 8 and the thumb side inclined section 9 are knitted through flechage knitting of gradually increasing the knitting width at a portion j-k, k-l of the knitting width on the thumb tubular section 4 side of the first five-finger body portion 5A on the palm side to connect to the first five-finger body portion 5A. Furthermore, the narrowing knitting is carried out to overlap the thumb side inclined section 9 on the region on the thumb tubular section 4 side of the buffer section 8 to knit the second five-finger body portion 5B up to line ζ , so that the thumb side inclined section 9 is connected to the first five-finger body portion 5A by way of the buffer section 8. On the back side, a new stitch row is formed with a knitting width of the first five-finger body portion 5A, and the knitting end on the right side is also knitted in an inclining manner so as to be connected and joined to the third five-finger body portion 5C subsequently knitted to a tubular shape using the flechage knitting. In the present embodiment, the narrowing process is carried out once when knitting the buffer section 8 and the thumb side inclined section 9 for two courses.

[0021] With the arrangement of the thumb side inclined section 9 and the buffer section 8, the wale of the stitches of the first five-finger body portion 5A and the wale of the stitches of the thumb side inclined section 9 are in an intersecting state, the index finger side flechage portion 7a and the little finger side flechage portion 7b described above mutually act so that the glove is curved with the space between the thumb and the index finger as a base point. Furthermore, tautness or bagginess are less likely to occur as the extending/contracting force of the connecting area of the first five-finger body portion 5A and the thumb side inclined section 9 is dispersed by forming the buffer section 8. To prevent tautness and bagginess from occurring, the buffer section 8 is preferably formed with a plurality of stitch rows. In the present embodiment, the first five-finger body portion 5A and the thumb side inclined section 9 are joined at a ratio of 2:1, where the extending/contracting force is satisfactorily dispersed by providing the buffer section 8 with respect to the joining

ratio of 2:1.

[0022] The third five-finger body portion 5C is knitted to a tubular shape following the knitting of the stitches of the second five-finger body portion 5B. The wrist section 6 is then knitted to a tubular shape up to a terminating end, and then a known bind-off process is carried out to complete the knitting of the glove 1. The glove 1 is knitted with a 1 x1 rib structure using the elastic yarn for the base yarn, and the elastic yarn applied with tension is formed through inlay knitting in each course, so that the glove 1 can be curved stronger with a space between the thumb and the index finger as a base point.

[0023] The glove 1 obtained from the knitting processes described above is a glove suited for gripping a grip used for golf, baseball, bicycle, or the like. The position and the like of the flechage knitting of the index finger side flechage portion 7a and the little finger side flechage portion 7b formed on the palm side of the second four-finger body portion 3B may be changed to change the shape and the size on the right and left, thus adjusting the bending degree of the glove.

Reference Signs List

[0024]	25
1	a glove
2	a three-finger body section
3	a four-finger body section
3A	a first four-finger body portion
3B	a second four-finger body portion
3C	a third four-finger body portion
4	a thumb tubular section
5	a five-finger body section
5A	a first five-finger body portion
5B	a second five-finger body portion
5C	a third five-finger body portion
6	a wrist section
7a	an index finger side flechage portion
7b	a little finger side flechage portion
8	a buffer section
9	a thumb side inclined section

Claims

1. A method for knitting a glove (1) including a thumb tubular section (4), a four-finger body section (3), and a five-finger body section (5) knitted to a tubular shape, and in which knitting is started from a fingertip side and terminated on a wrist section (6) side using a flat knitting machine including at least a front and a back needle bed; the method comprising:

a step a of knitting, the four-finger body section (3) including a first four-finger body portion (3A), a second four-finger body portion (3B), and a third four-finger body portion (3C), the step a

including forming a new tubular stitch row with a palm side and a back side connected to knit the first four-finger body portion (3A), knitting the back side and the palm side to a C-shape to knit the second four-finger body portion (3B), and forming a new tubular stitch row with the palm side and the back side connected to knit the third four-finger body portion (3C);

a step b of knitting the thumb tubular section (4) to a tubular shape, and

a step c of knitting the five-finger body section (5) including a first five-finger body portion (5A), a second five-finger body portion (5B), and a third five-finger body portion (5C),

characterized in that

when knitting the C-shaped second four-finger body portion (3B) in step a

forming an index finger side flechage portion (7a) inclined by repeating a flechage knitting of gradually narrowing a knitting width on an index finger side of the palm side, and

when knitting the five-finger body section (5) in a step c

forming a new tubular stitch row with the palm side and the back side connected following the wales of stitches of the third four-body portion (3C) and the thumb tubular section (4) to knit the first five-finger body portion (5A),

while knitting the back side and the palm side to a C-shape to knit the second five-finger body portion (5B), knitting a buffer section (8) and a thumb side inclined section (9) through flechage knitting on the thumb tubular section (4) side of the first five-finger body portion (5A) on the palm side thereby carrying out narrowing knitting to form the thumb side inclined section (9) on a region on the thumb tubular section (4) side of the buffer section (8) and

forming a new tubular stitch row with the palm side and the back side connected to knit the third five-finger body portion (5C).

2. The method for knitting the glove according to claim 1, **characterized in that** in the knitting of the second four-finger body portion (3B) of step a, knitting is carried out while forming a little finger side flechage portion (7b) inclined by repeating the flechage knitting of gradually narrowing the knitting width on a little finger side.

3. A glove (1), knitted using a flat knitting machine, including a thumb tubular section (4), a four-finger body section (3), and a five-finger body section (5) knitted to a tubular shape with stitches on a palm side and stitches on a back side connected, wherein the four-finger body section (3) has a first four-finger body portion (3A), a second four-finger body portion (3B), and a third four-finger body portion (3C) linked,

and the five-finger body section (5) has a first five-finger body portion (5A), a second five-finger body portion (5B), and a third five-finger body portion (5C) linked; the glove being **characterized in that** the palm side connecting to the back side of the C-shaped second four-finger body portion (3B) is configured by an index finger side flechage portion (7a) formed by carrying out flechage knitting such that the number of wales gradually reduces from a knitted fabric end on an index finger side; and a thumb side inclined section (9) formed through narrowing knitting on the palm side and connecting to the back side of the C-shaped second five-finger body portion (5B) is connected to the first five-finger body portion (5A) by way of a buffer section (8) that disperses the distortion of the knitted fabric; and the wale of the stitches of the first five-finger body portion (5A) and the wale of the stitches of the thumb side inclined section (9) are intersected.

Patentansprüche

1. Verfahren zum Stricken eines Handschuhs (1), der einen Daumen-Schlauchabschnitt (4), einen Vier-Finger-Körperabschnitt und einen Fünf-Finger-Körperabschnitt (5) umfasst, die zu einer Schlauchform gestrickt sind, wobei das Stricken an einer Fingerspitzen- und an einer Handgelenkabschnitt (6)-Seite beendet wird, unter Verwendung einer Flachstrickmaschine, die wenigstens ein vorderes und ein hinteres Nadelbett aufweist, wobei das Verfahren umfasst:

einen Schritt a zum Stricken des Vier-Finger-Körperabschnitts (3) einschließlich eines ersten Vier-Finger-Körperteils (3A), eines zweiten Vier-Finger-Körperteils (3B) und eines dritten Vier-Finger-Körperteils (3C), wobei der Schritt a das Bilden einer neuen schlauchförmigen Maschenreihe mit einer Handflächenseite und einer damit verbundenen Rückseite für das Stricken des ersten Vier-Finger-Körperteils (3A), das Stricken der Rückseite und der Handflächenseite zu einer C-Form für das Stricken des zweiten Vier-Finger-Körperteils (3B), und das Bilden einer neuen schlauchförmigen Maschenreihe mit der Handflächenseite und der damit verbundenen Rückseite für das Stricken des dritten Vier-Finger-Körperteils (3C) umfasst, einen Schritt b zum Stricken des Daumen-Schlauchabschnitts (4) zu einer schlauchförmigen Form, und einen Schritt c zum Stricken des Fünf-Finger-Körperabschnitts (5) einschließlich eines ersten Fünf-Finger-Körperteils (5A), eines zweiten Fünf-Finger-Körperteils (5B) und eines dritten Fünf-Finger-Körperteils (5C),

dadurch gekennzeichnet, dass

wenn das C-förmige zweite Vier-Finger-Körperteil (3B) in Schritt (a) gestrickt wird, Bilden eines Biegungsteils (7a) auf der Seite des Zeigefingers, der geneigt ist, indem ein Biegungsstricken zum allmählichen Verschmälern der Strickbreite auf einer Zeigefingerseite der Handflächenseite wiederholt wird, und wenn das Fünf-Finger-Körperabschnitt (5) in Schritt c gestrickt wird:

Bilden einer neuen schlauchförmigen Maschenreihe mit der Handflächenseite und der damit verbundenen Rückseite den Maschenstäbchen der Maschen des dritten Vier-Finger-Körperteils (3C) und des Daumen-Schlauchabschnitts (4) folgend für das Stricken des ersten Fünf-Finger-Körperteils (5A),

während des Strickens der Rückseite und der Handflächenseite zu einer C-Form für das Stricken des zweiten Fünf-Finger-Körperteils (5B), Stricken eines Pufferabschnitts (8) und eines daumenseitigen Neigungsabschnitts (9) durch ein Biegungsstricken auf der Daumen-Schlauchabschnitt (4)-Seite des ersten Fünf-Finger-Körperteils (5A) auf der Handflächenseite, um ein verschmälern des Strickens für das Bilden des daumenseitigen Neigungsabschnitts (9) an einem Bereich an der Daumen-Schlauchabschnitt (4)-Seite des Pufferabschnitts (8) durchzuführen, und

Bilden einer neuen schlauchförmigen Maschenreihe mit der Handflächenseite und der damit verbundenen Rückseite für das Stricken des dritten Fünf-Finger-Körperteils (5C).

2. Verfahren zum Stricken des Handschuhs nach Anspruch 1, **dadurch gekennzeichnet, dass** bei dem Stricken des zweiten Vier-Finger-Körperteils (3B) in Schritt a das Stricken durchgeführt wird, während ein Biegungsteil (7b) auf der Seite des kleinen Fingers gebildet wird, der durch wiederholtes Biegungsstricken zum allmählichen Verschmälern der Strickbreite auf der Seite eines kleinen Fingers geneigt wird.

3. Handschuh (1), der unter Verwendung einer Flachstrickmaschine gestrickt wird und einen Daumen-Schlauchabschnitt (4), einen Vier-Finger-Körperabschnitt (3) und einen Fünf-Finger-Körperabschnitt (5) umfasst, die zu einer Schlauchform gestrickt werden, wobei Maschen auf einer Handflächenseite und Maschen auf einer Rückseite verbunden werden, wobei:

der Vier-Finger-Körperabschnitt (3) einen ersten Vier-Finger-Körperteil (3A), einen zweiten Vier-Finger-Körperteil (3B) und einen dritten Vier-Finger-Körperteil (3C), die miteinander verbunden sind, umfasst, und wobei der Fünf-Finger-Körperabschnitt (5) einen ersten Fünf-Finger-Körperteil (5A), einen zweiten Fünf-Finger-Körperteil (5B) und einen dritten Fünf-Finger-Körperteil (5C), die miteinander verbunden sind, umfasst, wobei der Handschuh **dadurch gekennzeichnet ist, dass:**

die Handflächenseite, die mit der Rückseite des C-förmigen zweiten Vier-Finger-Körperteils (3B) verbunden ist, durch einen Biegungsteil (7a) auf der Seite des Zeigefingers konfiguriert wird, wobei der Biegungsteil (7a) durch das Durchführen eines Biegungsstrickens derart gebildet wird, dass die Anzahl von Maschenstäbchen allmählich von einem Gestrickende auf einer Zeigefingerseite reduziert wird, und ein daumenseitiger Neigungsabschnitt (9), der durch ein verschmälern des Stricken auf der Handflächenseite gebildet wird und mit der Rückseite des C-förmigen zweiten Fünf-Finger-Körperteils (5B) verbunden ist, mit dem ersten Fünf-Finger-Körperteil (5A) über einen Pufferabschnitt (8) verbunden ist, der eine Verzerrung des Gestricks verteilt, und wobei das Maschenstäbchen der Maschen des ersten Fünf-Finger-Körperteils (5A) und das Maschenstäbchen der Maschen des daumenseitigen Neigungsabschnitts (9) gekreuzt sind.

Revendications

1. Procédé pour tricoter un gant (1) comprenant une section tubulaire de pouce (4), une section de corps à quatre doigts (3), et une section de corps à cinq doigts (5) tricotée avec une forme tubulaire, et dans lequel le tricotage est démarré à partir d'un côté du bout de doigt et terminé sur un côté de section de poignet (6) en utilisant une machine à tricoter à plat comprenant au moins une fonture avant et une fonture arrière ; le procédé comprenant :

une étape a consistant à tricoter la section de corps à quatre doigts (3) comprenant une première portion de corps à quatre doigts (3A), une deuxième portion de corps à quatre doigts (3B) et une troisième portion de corps à quatre doigts (3C), l'étape a comprenant la formation d'une nouvelle rangée de mailles tubulaire avec un côté

té de paume et un côté de dos de la main connectés pour tricoter la première portion de corps à quatre doigts (3A), le tricotage du côté de dos de la main et du côté de paume en forme de C pour tricoter la deuxième portion de corps à quatre doigts (3B), et la formation d'une nouvelle rangée de mailles tubulaire avec le côté de paume et le côté de dos de la main connectés pour tricoter la troisième portion de corps à quatre doigts (3C),

une étape b consistant à tricoter la section tubulaire de pouce (4) avec une forme tubulaire, et une étape c consistant à tricoter la section de corps à cinq doigts (5) comprenant une première portion de corps à cinq doigts (5A), une deuxième portion de corps à cinq doigts (5B) et une troisième portion de corps à cinq doigts (5C),

caractérisé par

lors du tricotage de la deuxième portion de corps à quatre doigts en forme de C (3B) dans l'étape a,

former une portion à fléchage de côté d'index (7a) inclinée en répétant un tricotage à fléchage consistant à rétrécir graduellement une largeur de tricotage sur un côté d'index du côté de paume, et

lors du tricotage de la section de corps à cinq doigts (5) dans une étape c,

former une nouvelle rangée de mailles tubulaire avec le côté de paume et le côté de dos de la main connectés à la suite des rangées de mailles de la troisième portion de corps à quatre doigts (3C) et de la section tubulaire de pouce (4) pour tricoter la première portion de corps à cinq doigts (5A),

pendant le tricotage du côté de dos de la main et du côté de paume en forme de C pour tricoter la deuxième portion de corps à cinq doigts (5B), tricoter une section tampon (8) et une section inclinée du côté du pouce (9) par l'intermédiaire d'un tricotage à fléchage sur le côté de section tubulaire de pouce (4) de la première portion de corps à cinq doigts (5A) sur le côté de paume réalisant par cela un tricotage à rétrécissement pour former la section inclinée du côté du pouce (9) sur une région sur le côté de la section tubulaire de pouce (4) de la section tampon (8), et former une nouvelle rangée de mailles tubulaire avec le côté de paume et le côté de dos de la main connectés pour tricoter la troisième portion de corps à cinq doigts (5C).

2. Procédé pour tricoter le gant selon la revendication 1, **caractérisé en ce que** dans le tricotage de la deuxième portion de corps à quatre doigts (3B) de l'étape a, un tricotage est réalisé pendant la formation d'une portion à fléchage du côté du petit doigt (7b) inclinée en répétant le tricotage à fléchage con-

sistant à rétrécir graduellement la largeur de tricotage sur un côté du petit doigt.

3. Gant (1), tricoté en utilisant une machine à tricoter à plat, comprenant une section tubulaire de pouce (4), une section de corps à quatre doigts (3), et une section de corps à cinq doigts (5) tricotée avec une forme tubulaire avec des mailles sur un côté de paume et des mailles sur un côté de dos de la main connectées, dans lequel
- la section de corps à quatre doigts (3) comporte une première portion de corps à quatre doigts (3A), une deuxième portion de corps à quatre doigts (3B) et une troisième portion de corps à quatre doigts (3C) reliées, et
- la section de corps à cinq doigts (5) comporte une première portion de corps à cinq doigts (5A), une deuxième portion de corps à cinq doigts (5B) et une troisième portion de corps à cinq doigts (5C) reliées ; le gant étant **caractérisé en ce que**
- le côté de paume se connectant au côté de dos de la main de la deuxième portion de corps à quatre doigts en forme de C (3B) est agencé par une portion à fléchage du côté de l'index (7a) formée en réalisant un tricotage à fléchage de telle sorte que le nombre de colonnes de mailles se réduit graduellement à partir d'une extrémité de tissu tricoté sur un côté d'index ; et
- une section inclinée du côté du pouce (9) formée par l'intermédiaire d'un tricotage à rétrécissement sur le côté de paume et se connectant au côté arrière de la deuxième portion de corps à cinq doigts en forme de C (5B) est connectée à la première portion de corps à cinq doigts (5A) au moyen d'une section tampon (8) qui disperse la distorsion du tissu tricoté ; et
- la colonne de mailles des mailles de la première portion de corps à cinq doigts (5A) et la colonne de mailles des mailles de la section inclinée du côté du pouce (9) se croisent.

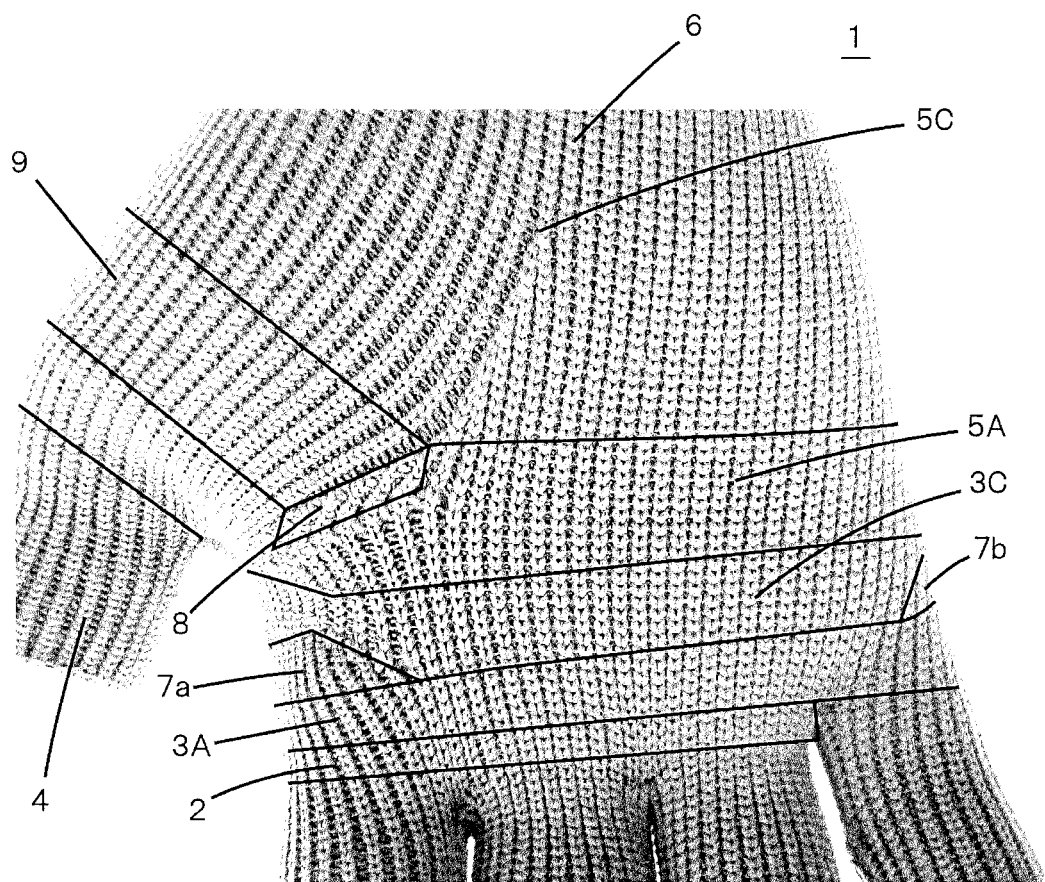
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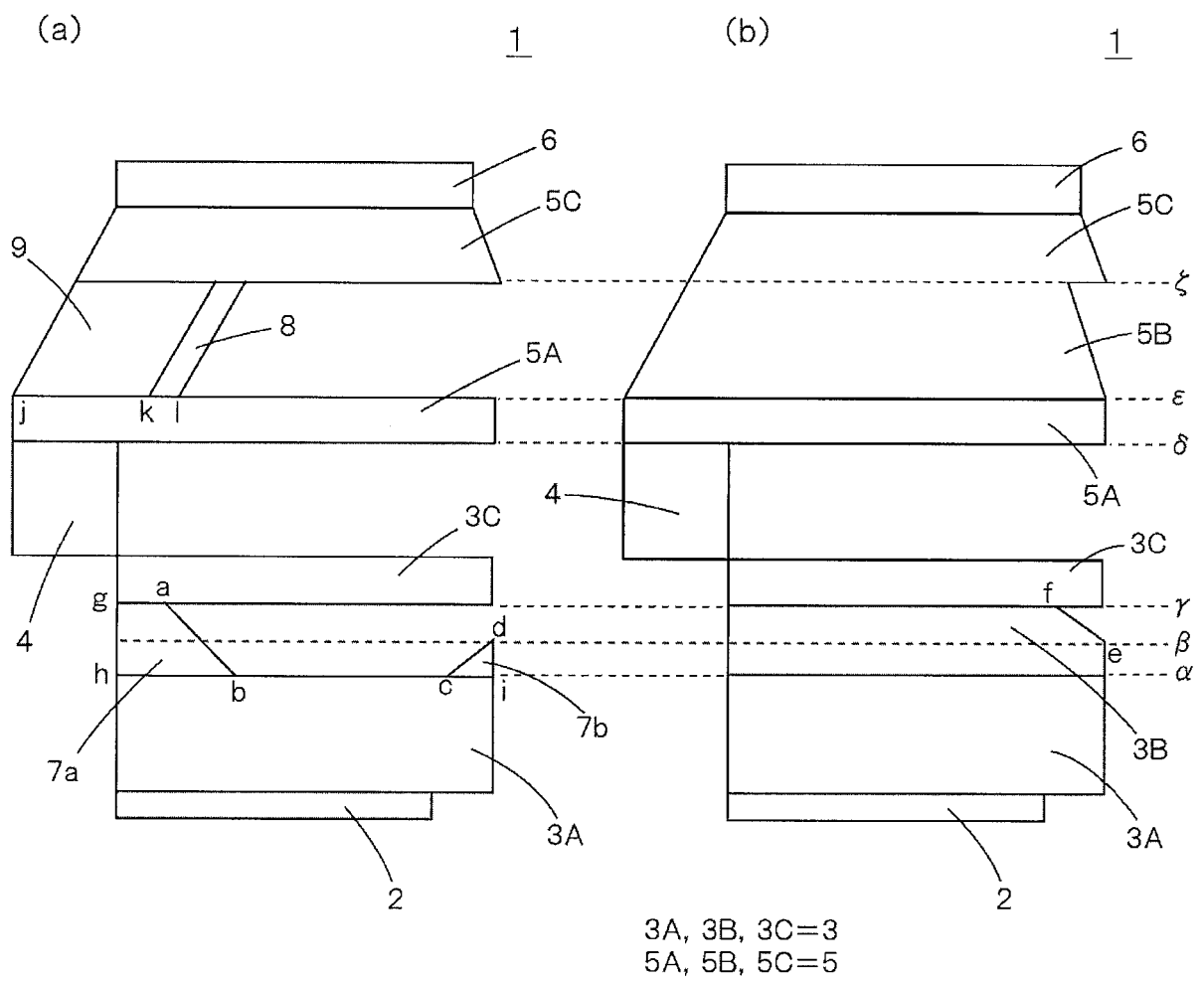
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Fig.1



7a, 7b = 3B
8, 9 = 5B

Fig. 2



REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

- JP 2012202008 A [0003]