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Remarks:
Amended claims in accordance with Rule 137(2) EPC.

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(54) **COSMETIC GLOVE**

(57) The invention refers to a cosmetic glove, easy to manufacture, meant to be used for applying cosmetic or therapeutical products that have dusty consistency like makeup, powder, powder foundation, or in liquid or semi-liquid form both at home and in beauty salons and spas by professionals, beauticians. The cosmetic glove, according to the invention, in an embodiment, is provided with a body (1) without the big finger, made of a high quality elastic material that allows anyone to easily put it on and to remove it from the fingers, such as polyester-lycra fabric provided with some working bends (2) ap-

plied on one or more fingers and some adjustable bends (3) or some Velcro bends (4) applied on one or more fingers and in another embodiment the body (1) is in the shape of a semi-glove that dresses one or more fingers and it is provided with some hard frames (5) in the shape of a quasi-triangle with the base up positioned between fingers and made out of a rigid material, natural fabric or synthetic or ployester and the adjustable bends (3) or the Velcro bends (4) are applied on the backside of the fingers.

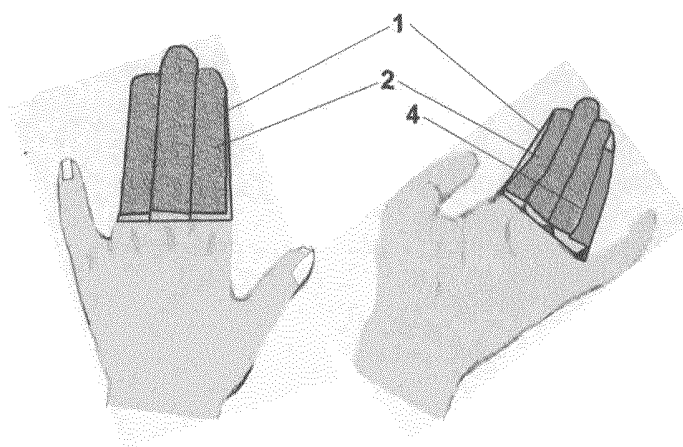


Fig. 11

Description

[0001] The invention refers to a special glove, easy and quickly to manufacture, meant for cosmetic use, in particular for products that have dusty consistency like makeup, powder, powder foundation, foundation and different types of cosmetic and skin care products with liquid or semiliquid form. The cosmetic glove can also be used in medical or therapeutically area for application of different skin treatments. The cosmetic glove can be for personal use, at home, and in beauty salons and spas by professionals, beauticians. The cosmetic glove can be used for applying a large variety of cosmetic and skin care products like powder, creams, lotions, tonic lotions, makeup remover, etc., on the face as well on the neck and different body areas and parts.

[0002] In the cosmetic industry there are known a variety of tools that help to apply cosmetic and beauty products on different areas of the body. For example, a large variety of brushes, sponges and beauty blenders are used to apply makeup and foundation on the face. In particular, most women choose not to use the known gloves when applying lotions, creams, makeup or foundation because, not being professionals, it's easier to control the amount of product with bare skin than with glove.

[0003] The beauticians and professionals that work in a beauty salon or spa need to respect hygiene rules when working on clients and work with single use gloves or gloves that can be properly disinfected so the client don't get infected with any transmitted diseases.

[0004] US 2013 198932 describes a *Four-fingered cosmetic glove*, for skin care that has an impermeable layer on the outside that is glued to an interior layer which comes in contact with the skin coated with lotion or therapeutic substance that will be applied on the skin. This type of glove has an elastic material at the base. The disadvantage of this solution is that this glove is designed only for applying liquid and semiliquid substances like lotions and creams. Another disadvantage is that a big quantity of the substance applied remains on the glove and is lost which leads to the need of a larger amount of cosmetic product. One other disadvantage of this solution is that the rubber material that the glove is made of makes it harder to put it on and take it off.

[0005] For applying cosmetic and beauty products that have dusty consistency like skin foundation, powder foundation there are known a large variety of tools like brushes, beauty blenders, etc., and their disadvantage is that it is hard to control the quantity of product applied on the skin which makes them hard to use at home if you don't have skills in cosmetic and makeup field. Another disadvantage is that a large quantity of product gets soaked in the brush or spreads in the air because which can be very unpleasant for some allergic or breath sensitive persons.

[0006] One of other disadvantage is that a large quantity of product gets soaked in the brush, sponge, beauty

blender and the quantity lost in the process is considerable and can be very upsetting especially because beauty and cosmetic products can be very expensive.

[0007] In the field of cosmetic products that have dusty consistency, there are also known the cosmetic sponges in different shapes, dimensions and textures. Their disadvantage is that they fill very quickly with skin foundation or powder foundation and a part of the cosmetic product is lost. More than this, in time, the sponge becomes over-filled with cosmetic product and they need to be washed and this means that all the skin foundation or powder foundation is lost.

[0008] The common disadvantage of the above solutions is that is time consuming because every touch on the skin covers a small portion of the skin and for a good application with good coverage it is necessary to massage or tap the skin multiple times so the product is well absorbed in to the skin. With this solution the productivity is less if used by a beautician because the goal is to satisfy as many clients possible.

[0009] The technical problem that the invention wishes to solve is to create a cosmetic (makeup) glove destined especially for powder based products or rich creamy products like cosmetic powder, foundation powder and skin foundation and that can also be used fast and efficient by at home, the persons without a professional training in the cosmetic and makeup field without over using and wasting products and it is easy to control the amount applied.

[0010] The cosmetic glove, according to the invention, solves these technical problems because of the special form, meaning, without the big finger and being provided with: some working bends made of a special very thin material like foam sponge with with the thickness of 0.1-2.5 mm with the length of 20-230 mm and the width of 10-25 mm, doubled by an impermeable layer of material and applied on the interior of the finger tip that goes over the finger tip on the opposite side of the palm to half length of the fingertip, some adjustable bends on the backhand, on each finger, with the length to be approximate as big as finger length made out of an elastic material that allows adjustment on any hand and some hard frames in quasi-triangle shape, placed between the fingers and provided to help the user put the cosmetic glove on the hand or to remove it.

[0011] The cosmetic glove, according to the invention, presents the following advantages:

- The applying time for makeup or for the cosmetic product will be considerably shorter because the area covered with a single touch is much wider;
- The quantity of product used is less because it can be easily controlled by the thin layer of the work bend;
- It allows an efficient and much easier handling even for the ones without experience in cosmetic and beauty industry because each finger is independent and becomes functional allowing the full covering of the desired area especially around the eyes and

- nose because these areas have uneven surface;
- It allows a better coverage of the desired surfaces because of the material use for the working bends;
- It can also be used by persons with handicap that don't have one or more fingers;
- The glove is easy to handle because of the hard bends between fingers;
- The quantity of cosmetic product used is less because of the thin layer of the working bends and because the glove is doubled with an impermeable material, so the lost or absorbed quantity by the working bends is way less.

[0012] Here are some practical examples of the cosmetic glove, according to the invention, in connection with the accompanying drawings, in which:

- **Fig. 1:** is a front and backside view of the cosmetic glove, in the full shape, visualizing the body **1**, the working bends **2** **3** and the adjustable bends **3**;
- **Fig. 2:** is a front and backside view of the cosmetic glove, in the full shape, visualizing the working bends **2** applied only on the forefinger, middle and ring finger;
- **Fig. 3:** is a front and backside view of the cosmetic glove, in the full shape, visualizing the working bends **2** applied only on the forefinger and middle;
- **Fig. 4:** is a front and backside view of the cosmetic glove, in the full shape, visualizing the working bends **2** applied only on the forefinger;
- **Fig. 5:** is a front and backside view of the cosmetic glove, in the full shape, visualizing the Velcro bends **4** from the back of the fingers;
- **Fig. 6:** is a front and backside view of the cosmetic glove, in the full shape, visualizing the Velcro bends **4** applied on the lateral of the fingers;
- **Fig. 7:** is the cosmetic glove in two sides shape;
- **Fig. 8:** is a front and lateral view of the cosmetic glove in the semi-glove shape, visualizing the hard frames **5**;
- **Fig. 9:** is the cosmetic glove in two sides shape designed for applying creams in the massage procedure;
- **Fig. 10:** is the cosmetic glove in the semi-glove shape with three fingers - index finger, middle and ring finger - having the working bends on the lateral side of the fingers;
- **Fig. 11:** is the cosmetic glove in the semi-glove shape with the three fingers - index finger, middle and ring finger united.

Example I

[0013] Cosmetic glove, according to the invention, is made of a high quality elastic material that allows anyone to easily put it on and to remove it from the fingers, such as polyester-lycra fabric or similar with the pantyhose material.

[0014] The cosmetic glove can be made out of different kind of materials provided that they have the following characteristics:

- 5 - they are elastic
- they have a good resistance to pulling so they will not break easily
- they must be thin layer
- 10 - they must be without porosity

[0015] The cosmetic glove has a special body **1**, without the big finger (**Fig.1**) and it is provided with a working bend **2** applied on the tip of the fingers on the inner side of the hand and doubled with a impermeable material.

15 The working bend **2** goes over the tip of the fingers on the other side and covers the nail up to the opposite side of the palm to half length of the fingertip.

[0016] The working bend **2** is made out of cosmetic sponge or moltoprene foam with the thickness between 20 0,5-2.5 mm, according to the cosmetic product to be applied, or natural or synthetic hair with a very short length 0.5-2.5 mm, or of any other flufy material with asimilar porosity as of the cosmetic sponge, or silicon. Evidently, the material of the working bend **2** will be choose according to the cosmetic product, both as type, and as thick-

25 ness. For example, for applying powder foundation, it is recommended to use natural hair with the lengh of 1.5-2.5 mm.

[0017] The lengh of the working bend **2** can be 20-230 mm and the width 10-25 mm and these dimension can be longer or shorter, depending on the desire and preference of the user.

30 **[0018]** Depending on the skill of the user, the number of the fingers that have working bend **2** can vary which means that only the index, middle and ring finger can be active (**Fig. 2**) or only the index and middle finger (**Fig.3**) or only the index finger (**Fig.4**).

35 **[0019]** The cosmetic glove is also provided with an adjustable bend **3** on the backhand of each finger, placed a small distance from the working bend **2** and it goes close to the finger base. This adjustable bend **3** is made out of an elastic material that can easily permit the adjustment on either hand.

45 Example II

[0020] In a different embodiment, the invention is provided with some Velcro bends **4** that replace the adjustable bends **3** and are made of out of material known as "Velcro". This Velcro bend **4** is positioned in the same position like the adjustable bend **3** (**Fig.5**) or can be positioned on the lateral side of the fingers (**Fig.6**). The Velcro bend **4** is intended to help when the glove is put on or taken off and to help the adjustment of the glove on each finger depending on the shape and size of the finger.

50 **[0021]** Also, the working bend **2** can fully cover the fingers on both sides of the palm when it is desired to apply

other kind of products besides makeup such as creams and lotions. In this case the adjustable bend **3** or the Velcro bend **4** will be positioned on the lateral side of the finger/fingers.

Example III

[0022] In a different embodiment, the invention is provided with the working bend **2** on the backside of the palm wider so that when fingers are attached the working bend **2** looks like it covers the entire palm (**Fig.7**). This embodiment is very useful for applying creams or in the massage procedure.

Example IV

[0023] The cosmetic glove, according to the invention, is made in the shape of a semi-glove that dresses only the palm side of the fingers and has three hard frames **5** made in quasi-triangle shape with the base up positioned between fingers, made out of a rigid material, natural fabric or synthetic or polyester etc., and it is intended to easy putting and fixing the glove on and taken it off. In this case, the adjustable bend **3** or the Velcro bend **4** will be applied on the backside of the fingers (**Fig.8**).

[0024] Because the big finger is missing, the cosmetic glove can have two different working sides/face. The working bend **2** on one side can be made out of natural or synthetic hair and the other side/face can be made out of silicon, foam, cosmetic sponge, blender sponge etc., or one side made of silicon and the other side made of sponge, cosmetic foam etc. The same glove can be used for two different purposes just by turning it the other side on the fingers or hand (**Fig.9**).

[0025] The cosmetic glove can also be made out of one use materials (disposable material), both in the full and semi-glove embodiment, like polypropylene like the material used for medical equipments provided that the working bend **2**, the adjustable bends **3** or the Velcro bends **4** respect material, shape, size requirements, like the cosmetic glove for multiple uses described above.

[0026] The cosmetic glove can be made for the right hand and also for the left hand, in any desired embodiment. The application of the cosmetic product can be made with one hand /glove or with both hands at the same time.

Example V

[0027] In this embodiment, the cosmetic glove, according to the invention, is made in the shape of a semi-glove that dresses only the index finger, the middle finger and the ring finger and the working bend **2** is applied on the lateral side of the fingers and goes over the finger tip on the opposite side of the palm and the Velcro bend **4** or the adjustable bend **3** is applied on the backside of the three fingers (**Fig.10**).

Example VI

[0028] In this embodiment, the cosmetic glove is made in the shape of a semi-glove that dresses only three fingers the index finger, the middle finger and the ring finger and these fingers are attached one to another by sewing them on the backside of the palm. The working bend **2** is applied on the entire length of the fingers, both on the face and on the back of the palm and the velcro bends **4** are applied on the remained free lateral sides of the ring and index fingers (**Fig.11**).

Claims

1. Cosmetic glove, **wherein**, it is made of a body **(1)** without the big finger, made of a high quality elastic material that allows anyone to easily put it on and to remove it from the fingers, such as polyester-lycra fabric provided with some working bends **(2)** applied on one or more fingers and some adjustable bends **(3)** or some Velcro bends **(4)** applied on one or more fingers.
2. Cosmetic glove as defined in claim **1**, **wherein**, the working bend **(2)** with the length of 20-230 mm and the width of 10-25 mm, doubled with an impermeable layer of material, it is sewn or glued on the interior of the finger tip, goes over the finger tip on the opposite side of the palm to half length of the fingertip and it is made out of cosmetic sponge or moltoprene foam with the thickness between 0,5-2.5 mm, or natural or synthetic hair with the length 0.5-2.5 mm, or of any other fluffy material with asimilar porosity as of the cosmetic sponge, or silicon.
3. Cosmetic glove as defined in claim **1**, **wherein**, the adjustable bend **(3)** is applied either on the backhand of the palm, on each finger, placed at a small distance from the working bend **2** and it goes close to the finger base or on the lateral side of the fingers, being made out, in both cases, of an elastic material that allows the adjustment of the glove on either hand.
4. Cosmetic glove as defined in claim **1**, **wherein**, it is provided with some Velcro bends **(4)** made of the material known as "Velcro".
5. Cosmetic glove as defined in claim **1**, **wherein**, in another embodiment, the body **(1)** is provided with one or more working bends **(2)** made of one material on one side and one or more working bends **(2)** made of a different material on the other side of the palm.
6. Cosmetic glove as defined in claim **1**, **wherein**, in a different embodiment, the working bend **(2)** on the backside of the palm is wider so that when the fingers are attached, the working bend **(2)** looks like it covers

the entire palm.

7. Cosmetic glove, **wherein**, in a different embodiment, the body (1) is in the shape of a semi-glove that dresses only one or more fingers and it is provided with some working bends (2) and some hard frames (5) in the shape of a quasi-triangle with the base up positioned between fingers and made out of a rigid material, natural fabric or synthetic or polyester and the adjustable bends (3) or the Velcro bends (4) are applied on the backside of the fingers.
8. Cosmetic glove as defined in claim 7, **wherein**, in an embodiment, the body (1) is provided with three fingers - the index, the middle and the ring fingers, provided with working bends (2) on their lateral sides, including the tips of the fingers and the Velcro bend (4) or the adjustable bend (3) is applied on the backside of the three fingers.
9. Cosmetic glove as defined in claim 7, **wherein**, in a different embodiment, the three fingers - index, the middle and the ring fingers - are attached one to another by sewing on the backside of the palm and are provided with some working bends (2) applied on the entire length of the fingers both on the face and on the backside of the palm and each finger provided with an adjustable bend (3) or a Velcro bend (4) applied on the free lateral side of the index and ring finger.

Amended claims in accordance with Rule 137(2) EPC.

1. Cosmetic glove made of a body (1) without the big finger, made of a high quality elastic material that allows anyone to easily put it on and to remove it from the fingers, such as polyester-lycra fabric provided with some working bands (2) and some adjustable bands (3) applied on one or more fingers, **wherein**, the working bands (2) are applied on the interior of the palm, on each fingertip covering the top of the fingers through the opposite side of the palm up to the half length of the fingertip and being made out of materials such as moltoprene foam with the thickness between 0,5-2.5 mm, natural or synthetic hair with the length 0.5-2.5 mm or silicon and the adjustable bands (3) are applied on the lateral side of each finger and allow the adjustment of the glove on any shape or dimension of the fingers.
2. Cosmetic glove as defined in claim 1, **wherein**, in the semi-glove version, the body (1) dresses only the finger part of the hand and it contains some hard frames (5) in the shape of a quasi-triangle with the base up positioned between fingers.

3. Cosmetic glove as defined in claim 1 and 2, **wherein**, each adjustable band (3) is applied on the backside of each finger at a small distance from the working band (2) and it extends to the base of the finger.
4. Cosmetic glove as defined in claim 1, **wherein**, the working bands (2) are applied on the lateral sides and the tip of each finger.
5. Cosmetic glove as defined in claim 1 and 2, **wherein**, the working bands (2) are applied on both sides of each finger on the hole length of the fingers and they are made of different materials such as moltoprene foam with the thickness of 0,5-2.5 mm on one side and natural or synthetic hair with the length 0.5-2.5 mm or silicon on the other side of the finger.
6. Cosmetic glove as defined in claim 1 and 2, **wherein**, the adjustable bands (3) are applied on the lateral sides of the index-finger and the ring finger and the three fingers namely the index, the middle and the ring fingers are attached one to another through a Velcro band (4) or by sewing them together and the working bands (2) are applied on the hole length of the fingers both on the face of the palm and on the backside of it.
7. Cosmetic glove as defined in claims 1 to 5, **wherein**, the Velcro band (4) is applied in the same positions as the adjustable bands (3) in order to facilitate the adjustment of the glove to the shape and dimension of the hand and the fingers of each user.

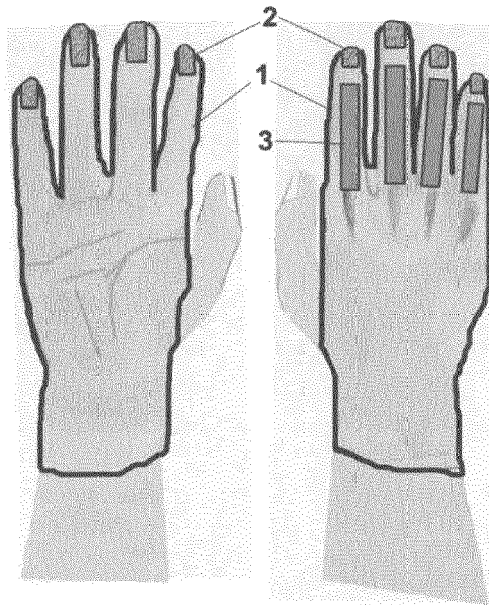


Fig. 1

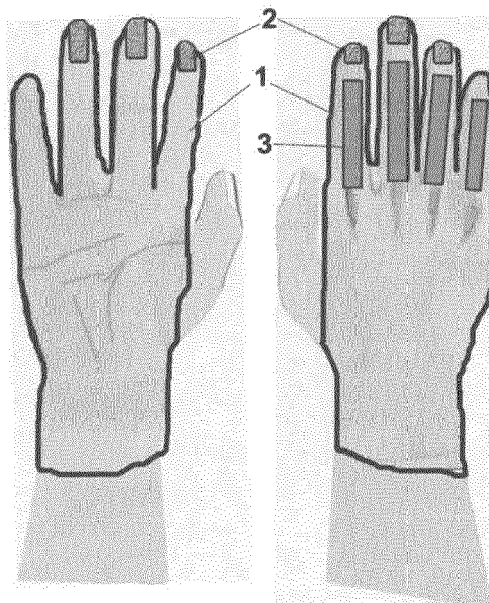


Fig. 2

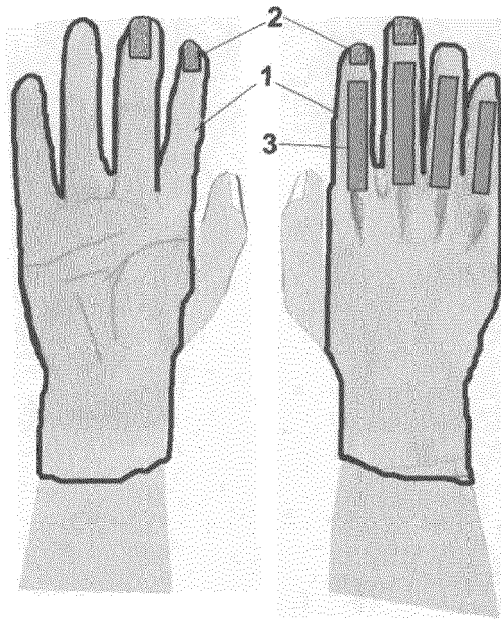


Fig. 3

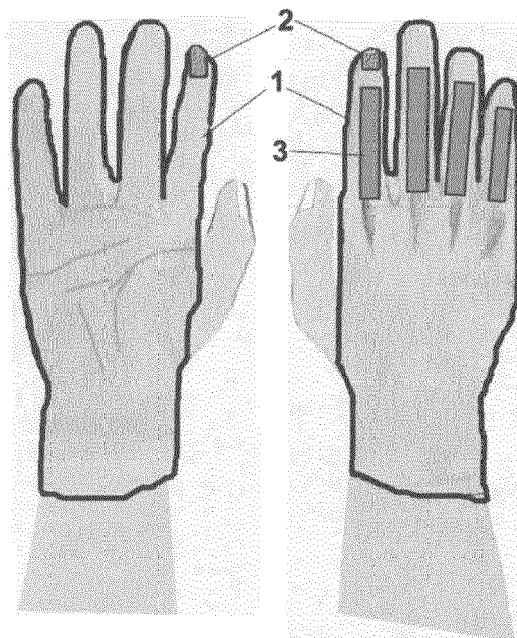


Fig. 4

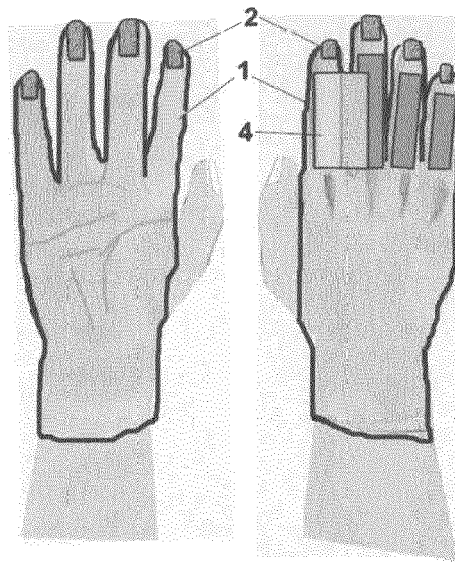


Fig. 5

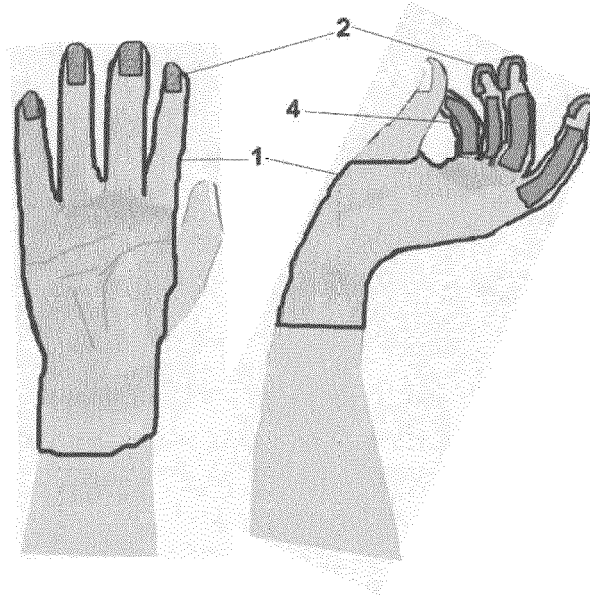


Fig. 6

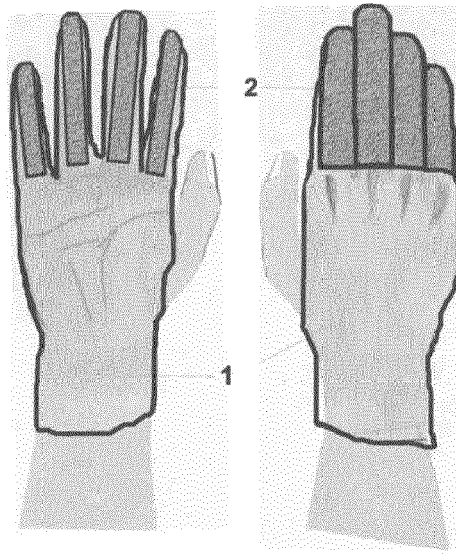


Fig. 7

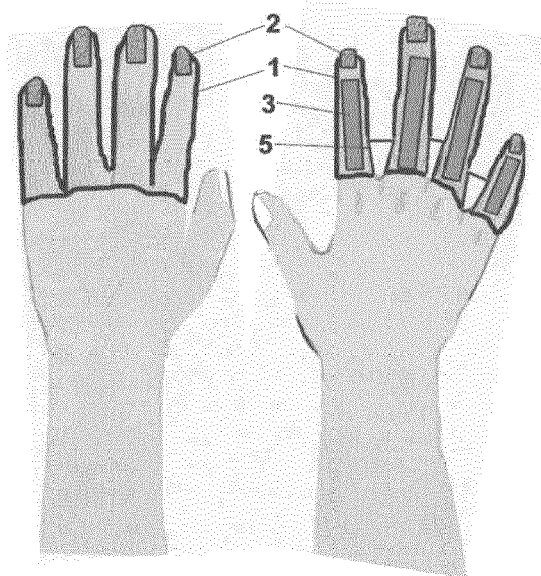


Fig. 8

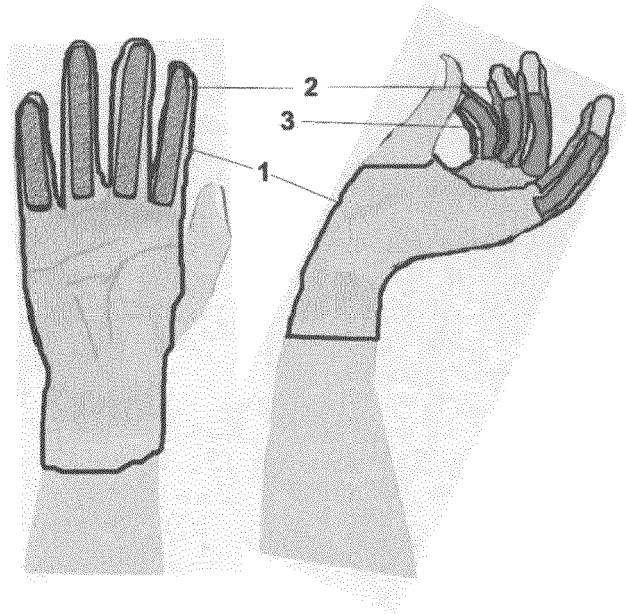


Fig. 9

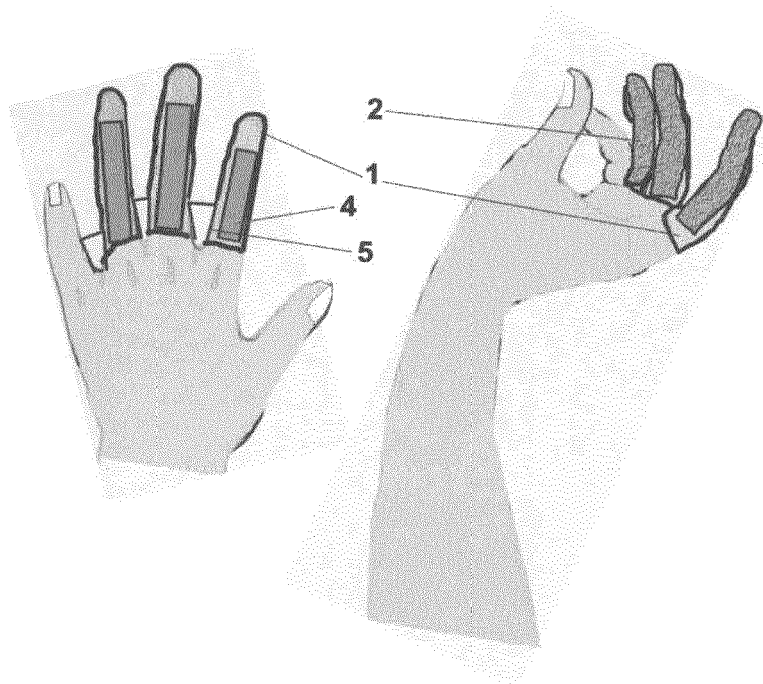


Fig. 10

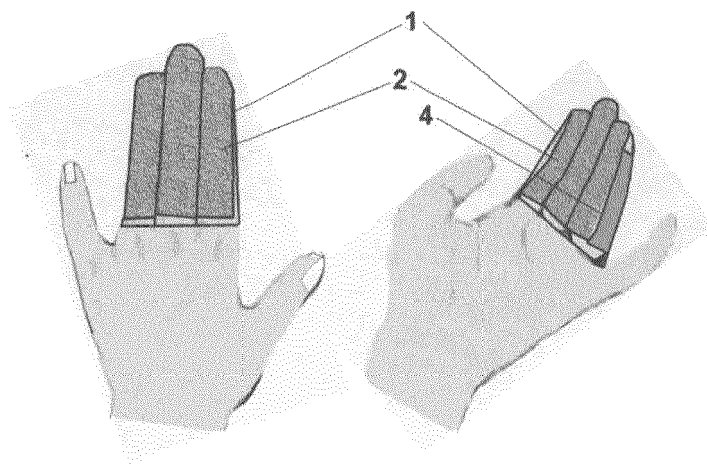


Fig. 11

**PARTIAL EUROPEAN SEARCH REPORT**

Application Number

under Rule 62a and/or 63 of the European Patent Convention.
This report shall be considered, for the purposes of
subsequent proceedings, as the European search report

EP 17 00 0354

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	JP 3 194743 U (-) 11 December 2014 (2014-12-11) * abstract * * figures 1-3 *	1-6	INV. A45D33/00 A47K7/02 A45D34/04 A45D44/00 A41D19/00
X,D	US 2013/198932 A1 (PFLUGFELDER DUNJA) 8 August 2013 (2013-08-08) * paragraphs [0023], [0029], [0031] - [0034] * * figures 1-5 *	1-6	
			TECHNICAL FIELDS SEARCHED (IPC)
			A45D A47K A41D

INCOMPLETE SEARCH

The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.

Claims searched completely :

Claims searched incompletely :

Claims not searched :

Reason for the limitation of the search:

see sheet C

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Place of search	Date of completion of the search	Examiner
The Hague	27 September 2017	Witkowska-Piela, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document		

EPO FORM 1503 03.82 (P04E07)



INCOMPLETE SEARCH SHEET C

Application Number

EP 17 00 0354

Claim(s) completely searchable:

1-6

Claim(s) not searched:

7-9

Reason for the limitation of the search:

1 Claims 1 and 7 have been drafted as separate independent claims.

1.1 Under Article 84 in combination with Rule 43(2) EPC, an application may contain more than one independent claim in a particular category only if the subject-matter claimed falls within one or more of the exceptional situations set out in paragraph (a), (b) or (c) of Rule 43(2) EPC.

1.2 This is, however, not the case in the present application because the subject-matter of the application (claims 1 and 7) does not involve a plurality of interrelated products (Rule 43(2)(a) EPC) or different uses of a product or apparatus (Rule 43(2)(b) EPC) or alternative solutions to a particular problem, where it is inappropriate to cover these alternatives by a single claim (Rule 43(2)(c) EPC).

2 In reply to the invitation to indicate the claims on which the search is to be based, the applicant indicated in his letter dated 21-09-2017 that the European search should be conducted on the basis of independent claims 1 and 7.

2.1 Claims 1 and 7 do fall not within the exceptions provided for in Rule 43(2) EPC for the reasons given above, see point 1.2. Therefore, only the independent claim with the lowest number indicated by the applicant will be searched, see GL, B-VIII, 4.2.2.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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27-09-2017

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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		DE 102010049973 A1	03-05-2012
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EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

REFERENCES CITED IN THE DESCRIPTION

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