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(11)

EP 1 532 883 A1

(12)

EUROPEAN PATENT APPLICATION

(43) Date of publication:
25.05.2005 Bulletin 2005/21

(51) Int Cl.7: **A41D 19/015**

(21) Application number: **04105553.4**

(22) Date of filing: **05.11.2004**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR**
Designated Extension States:
AL HR LT LV MK YU

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(30) Priority: **21.11.2003 ES 200302682 U**

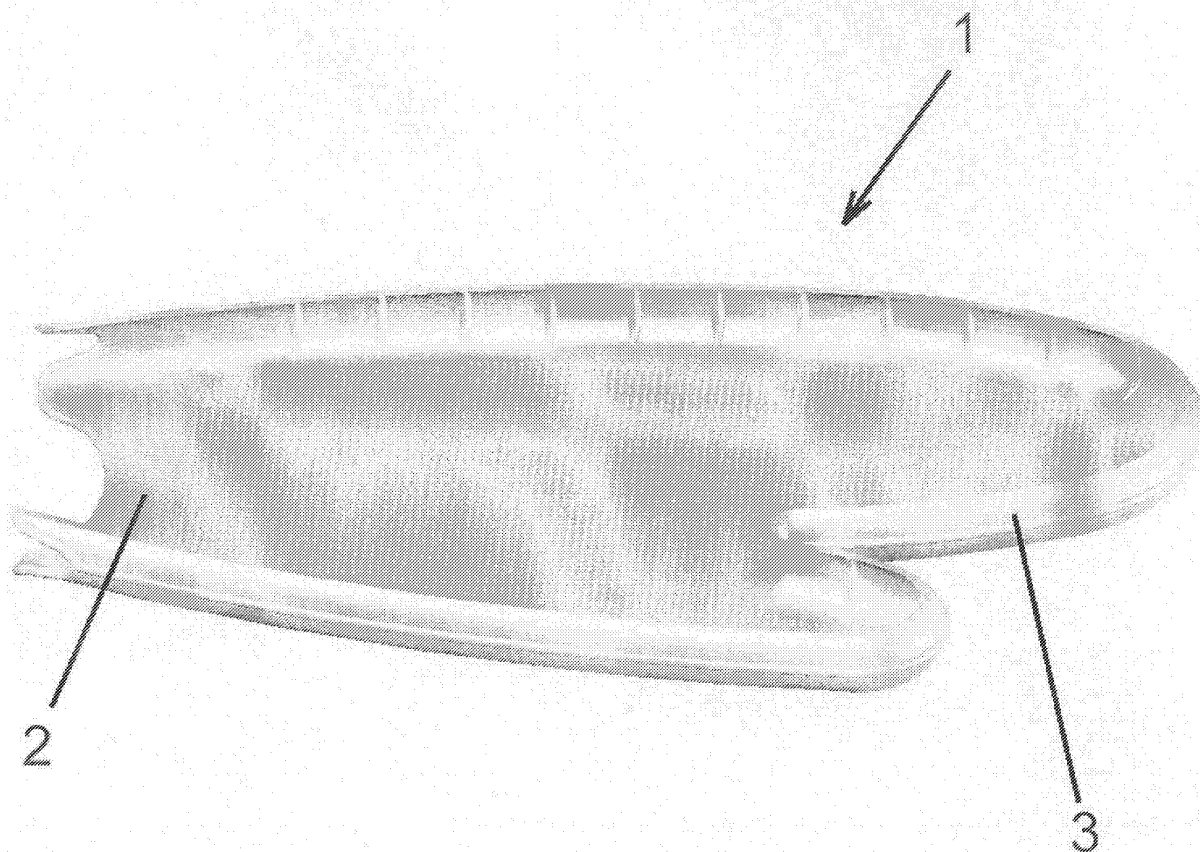
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(54) **Glove**

(57) It comprises an outer surface (3) and an inner surface (2), said inner surface (2) comprising a plurality of flexible tips (4), the free ends (5) of said tips (4) being

in contact with the hands. Transpiration of the hands is easier and a quick transmission of cold or heat from outside the glove to the hands of the user is prevented.

Fig.2



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Description

[0001] The present invention refers to a glove for protecting the hands.

BACGROUND OF THE INVENTION

[0002] The use of mittens or gloves usually made of rubber for kitchen tasks, as washing dishes, holding hot elements and others, is known.

[0003] Due to its impermeability properties and to its flexibility, these gloves suit properly to the user's hand, and they prevent damp from going inside.

[0004] However, this kind of devices has the disadvantage that, due to its limited thickness, they transmit the cold or the heat from the outside to the hands quickly. Thus, excessively high or low temperatures can cause problems to the user. Moreover, due to the fact that these gloves are not transpirable, sometimes the inner surface sticks to the hand, making it sweat.

DESCRIPTION OF THE INVENTION

[0005] The aim of the glove of the present invention is to solve the disadvantages which have the devices known in the art.

[0006] The glove of the present invention comprises an outer surface and an inner surface, and it is characterized in that said inner surface comprises a plurality of flexible tips, the free ends of said tips being in contact with the hands.

[0007] These tips are placed in the space between the hands and the inner surface of the glove, so that an interstitial space is provided through which the air flows. Therefore, transpiration of the hands is easier, and a quick transmission of cold or heat from outside the glove to the hands of the user is prevented, moreover, it is more pleasant to the touch than usual gloves or mittens.

[0008] Preferably, the outer surface comprises a non-skid engraved portion.

[0009] Thus, a more or less rough engraved portion will be provided depending on the kind of use of the glove.

[0010] According to an embodiment of the present invention, the glove is made of silicone.

[0011] According to another embodiment of the present invention, the glove is made of rubber.

[0012] The tips of the inner surface of the glove could be formed integrally with the glove, as they will be made of the same material, and they could be formed directly when molding it.

[0013] Advantageously, the glove comprises a housing for the thumb and another housing for the other four fingers.

[0014] Also advantageously, the glove comprises a housing for each finger.

BRIEF DESCRIPTION OF THE DRAWINGS

[0015] In order to assist the description of all that has been outlined above some drawings are attached which show schematically and solely by way of non-restrictive example a practical case of embodiment of the glove of the invention, in which:

Figure 1 is a plan sectional view which shows the inner surface of the glove, corresponding to the obverse of the hand;

Figure 2 is a perspective sectional view which shows the inner surface of the glove, corresponding to the obverse of the hand;

Figure 3 is a detail view of the tips of the inner surface of the glove,

Figure 4 is a view of an embodiment of the glove of the invention, which comprises an engraved portion in its outer surface, and

Figure 5 is a view of another embodiment of the glove comprising a housing for each finger.

DESCRIPTION OF A PREFERRED EMBODIMENT

[0016] As shown in the figures, the glove 1 of the invention comprises an inner surface 2 and an outer surface 3. The inner surface 2 is provided of a plurality of small flexible tips 4 which span all the area of the inner surface 2 in contact with the obverse of the hands of the user. As shown in figure 3, the tips 4 are formed in such a way that its free ends 5 are in contact with the hands.

[0017] Due to said tips 4, a free space 4 is provided between the inner surface 2 of the glove 1 and the hands, through which the air flows, making transpiration easier. Meanwhile, the air acts as a thermal insulating layer which allows the glove to be used under more extreme temperatures than usual gloves or mittens, broadening its use to holding hot receptacles or even to industrial applications.

[0018] The tips 4 shall be flexible in order to avoid roughness and to be conveniently adapted to the hands, so they will be preferably made of the same material of the glove 1 if it is of silicone or rubber. The touch is, thus, much more pleasant for the user, and the process of manufacturing does not require inserting different materials to form the tips 4, which are formed integrally with the glove 1.

[0019] If necessary, the outer surface 3 of the glove 1 can be plain or be provided with an engraved portion 7 in the zone of the palm, which allows grabbing objects without risk of falling or sliding.

[0020] Although in the described embodiment a mitten-type glove 1 which comprises only one housing for the four fingers and another one for the thumb has been represented, it is obvious that another embodiment with a housing 10 for each finger could also be provided, as shown in figure 5.

Claims

1. Glove (1) which comprises an outer surface (3) and an inner surface (2), **characterized in that** said inner surface (2) comprises a plurality of flexible tips (4), the free ends (5) of said tips (4) being in contact with the hands. 5
2. Glove (1), according to claim 1, **characterized in that** the outer surface (3) comprises a nonskid engraved portion (7). 10
3. Glove (1), according to claims 1 or 2, **characterized in that** it is made of silicone. 15
4. Glove (1), according to claims 1 or 2, **characterized in that** it is made of rubber.
5. Glove (1), according to claims 1 to 4, **characterized in that** it comprises a housing for the thumb and another housing for the other four fingers. 20
6. Glove (1), according to claims 1 to 4, **characterized in that** it comprises a housing (10) for each finger. 25

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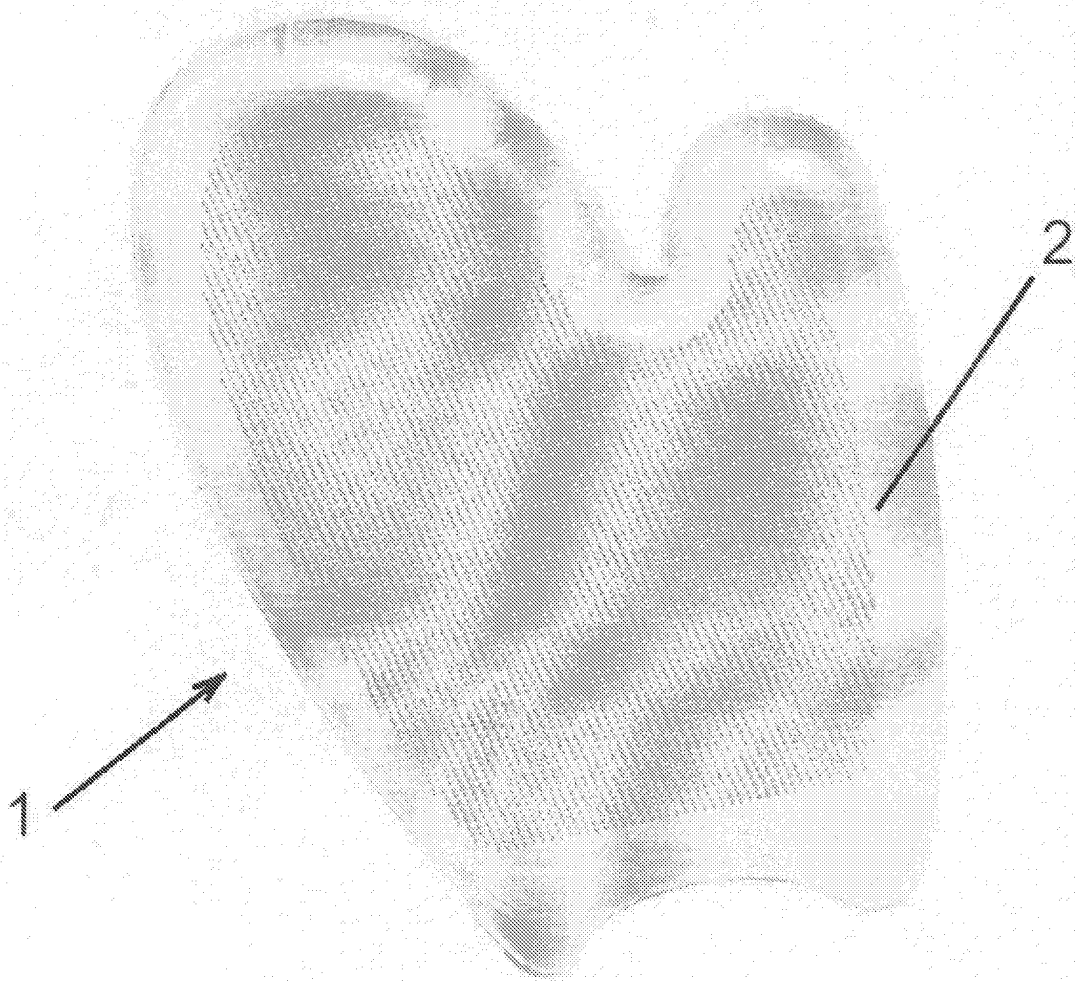
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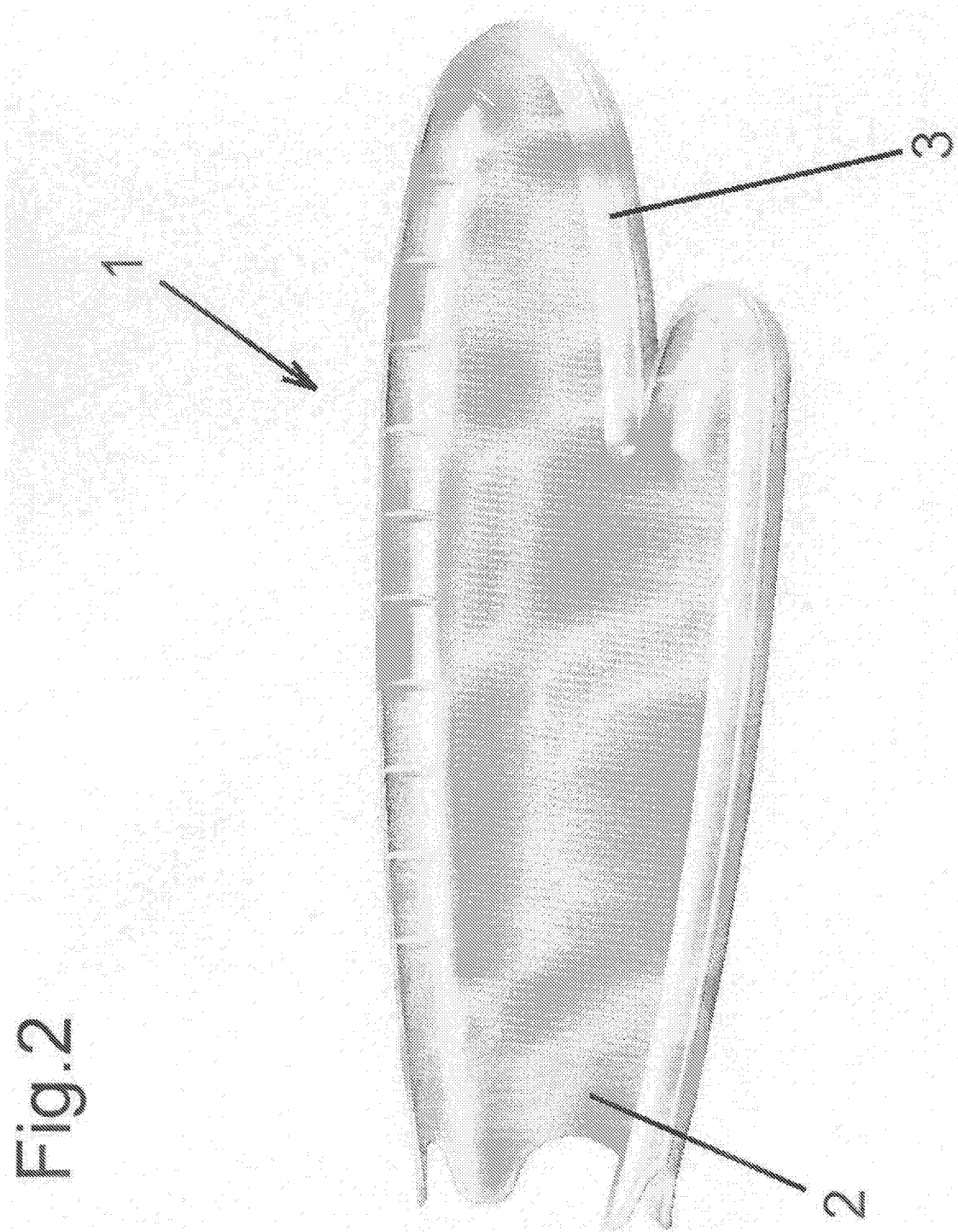
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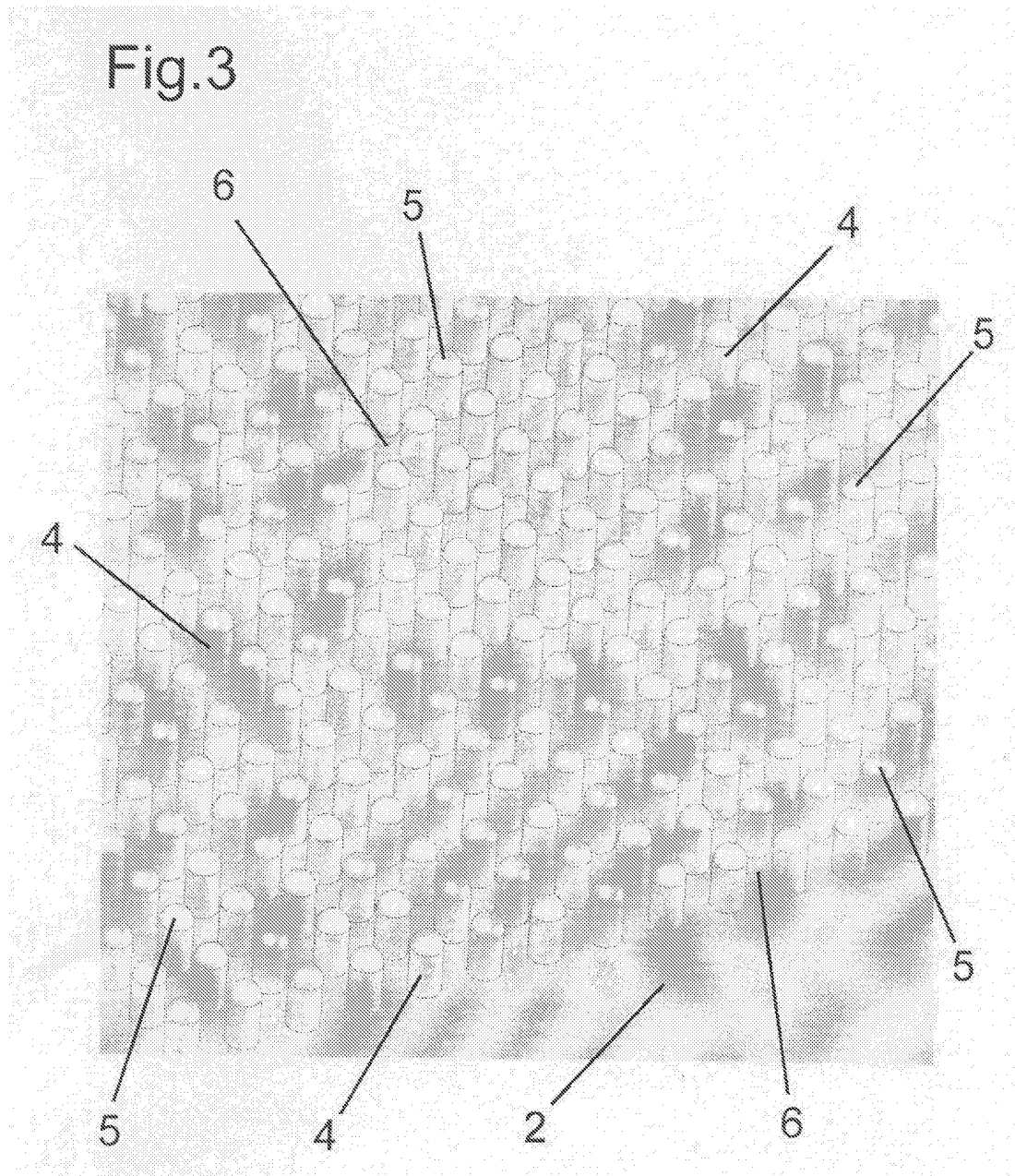
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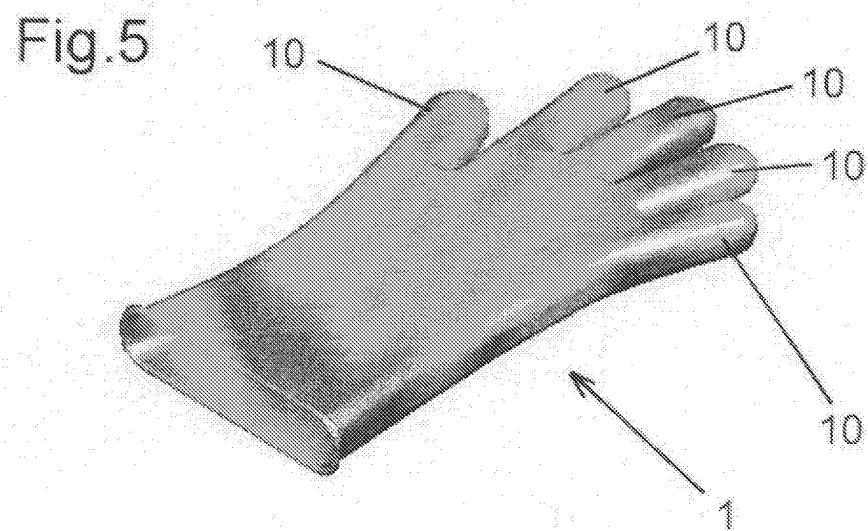
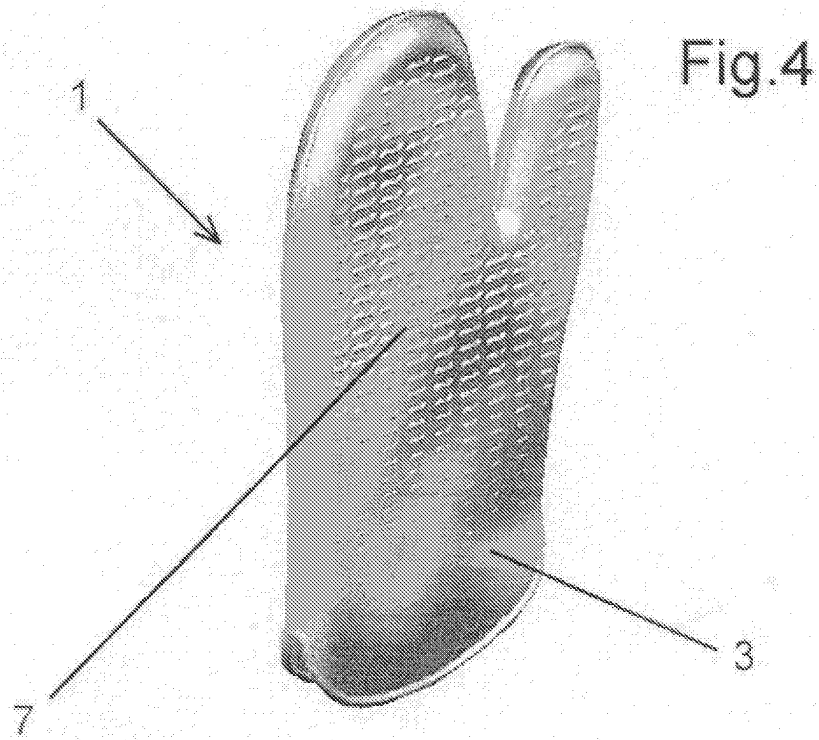
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Fig.1











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EUROPEAN SEARCH REPORT

Application Number
EP 04 10 5553

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A41D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 10 February 2005	Examiner Garnier, F
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	

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EPO FORM 1503 03.02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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