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(11) **EP 1 374 745 A1**

(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:
02.01.2004 Bulletin 2004/01

(51) Int Cl.7: **A47G 9/10**

(21) Application number: **03014251.7**

(22) Date of filing: **25.06.2003**

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

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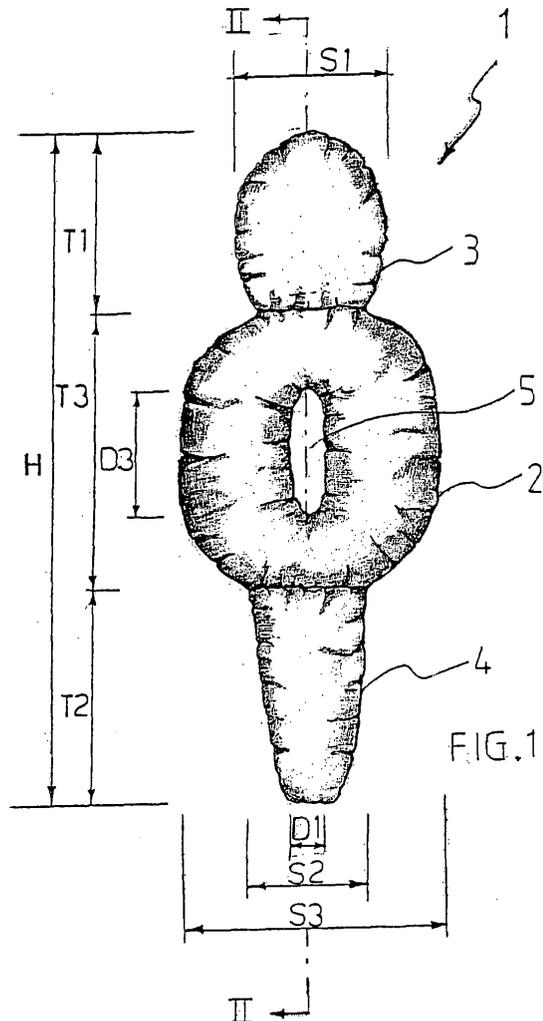
(30) Priority: **27.06.2002 IT MI20020335 U**

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(54) **Anatomically shaped pillow**

(57) This invention concerns an anatomic pillow characterized in that it comprises a central portion (2), with a substantially toroidal structure, and a plurality of appendices (3, 4), said plurality of appendices (3, 4) are connected to the central portion (2) so as to assume an anthropomorphic shape (1) in their assembly.



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Description

[0001] This invention concerns an anatomic pillow, in particular an anthropomorphic-shaped anatomic pillow.

[0002] Sleeping well is fundamental for the physical and psychological wellbeing of an individual.

[0003] It is known from medical studies that almost a third of life is spent in bed.

[0004] For this reason the choice of mattress and pillow assumes an important role.

[0005] There are general rules that belong to the culture of good rest in which it is believed that the mattress should neither be too hard nor too soft, that it should be made from relatively soft materials in order to support the vertebral column correctly, and the pillow should not reduce, or compress, the space for the neck vertebrae.

[0006] It is important to realize that the use of an incorrect pillow can lead to cervical problems and other orthopaedic complications.

[0007] Known anatomic pillows perform a relaxation action according to their specific design. In fact the pillows devised for the head act mainly on the vertebral column, while the pillows devised for the legs, if placed under the ends of the legs, exert their beneficial action progressively over the whole body.

[0008] In addition to that described above many people wish to sleep embracing the pillow, but the known pillow typologies adapt badly to this wish.

[0009] In view of the described background art, the aim of this invention is to produce an anthropomorphic pillow capable of relieving psychophysical tensions due to incorrect posture.

[0010] A further aim of this invention is to produce a pillow that is easy and comfortable to embrace.

[0011] In accordance with this invention, such a purpose is achieved with the invention as claimed in claim 1.

[0012] In this way the innovative invention allows for the improvement of nocturnal rest.

[0013] Moreover, the innovative invention allows the simultaneous improvement of the care of the cervical, by supporting the nape of the neck, the shoulders and maintaining the neck in the perfect position.

[0014] Furthermore, thanks to the present invention it is also possible to sleep or relax easily embracing the anatomic pillow.

[0015] The characteristics and advantages of this invention will become evident from the following detailed description of its practical embodiment, illustrated as a non-limitative example in the attached drawings, in which:

Figure 1 shows a plan view of the invention in accordance with the present invention;

Figure 2 shows a sectional view along the line II-II of Figure 1;

Figure 3 shows a side view of Figure 1;

Figure 4 shows a first usage mode of the invention

in Figure 1;

Figure 5 shows a second usage mode of the invention in Figure 1.

[0016] With reference to Figures 1, 2 and 3 the anatomic pillow, generally indicated with 1, has a premodelled shape in which a central portion 2, a first appendix 3 and a second appendix 4 can be distinguished.

[0017] The first and second appendix 3, 4 are connected to said central portion 2 so as to assume an anthropomorphic shape.

[0018] In fact the first appendix 3 is confirmed as the head, while the second appendix 4 is confirmed as the legs.

[0019] In particular the central portion 2 has a substantially toroidal structure, or provides a central opening 5 in the form of an ellipsoid.

[0020] For example, the applicant has identified as particularly advantageous measures, as far as previously described, a height H total of the anatomic pillow 1 of approximately 114 cm, a longitudinal thickness S1 of the appendix 3 of approximately 25 cm, a longitudinal thickness S2 of the appendix 4 of approximately 19 cm, a transversal dimension T1 of the appendix 3 of approximately 31 cm, a transversal dimension T2 of the appendix 4 of approximately 36 cm and a longitudinal thickness S3 of the appendix 2 of approximately 44 cm.

[0021] The transversal dimension T3 of the appendix 2 is to be approximately 47 cm.

[0022] Furthermore, the applicant has identified as particularly advantageous measures for the central portion 2 with a toroidal structure a minor diameter D1 of approximately 5 cm, and a major diameter D2 of approximately 22 cm.

[0023] Moreover, the pillow 1 is covered with materials chosen by the user that are perfectly removable, washable, and do not attract dust.

Such an anatomic pillow 1 is filled, according to the specific requirements, with suitable materials with a differing maximum capacity.

[0024] For example, pillow 1 can be filled preferably with feathers or with latex. Such an operation is feasible by means of suitable slide fasteners, or buttons or velcro (not illustrated in the Figures) placed as required on the pillow 1 itself.

[0025] Advantageously the portion with a toroidal structure 2 allows the user to embrace the pillow 1, as shown in figure 4, because the user's arms can easily and comfortably be inserted into the opening 5.

[0026] Advantageously, the portion with a toroidal structure 2 allows the user to use the pillow 1 as a traditional pillow, as shown in figure 5, with the advantage that the user's head is easily rested in correspondence to the opening 5.

[0027] In particular such a position allows relief from articulation pains and facilitates the peripheral circulation of the legs.

Claims

1. Anatomic pillow **characterized in that** it has a central portion (2), having a substantially toroidal structure and a plurality of appendices (3, 4), said plurality of appendices (3, 4) being connected to said central portion (2) so as to assume an anthropomorphic shape (1) in their assembly. 5

2. Anatomic pillow according to claim 1, **characterized in that** said plurality of appendices (3, 4) comprises at least two appendices, in which the first appendix (3) has a first longitudinal dimension (S1) and a first transversal dimension (T1), the second appendix (4) has a second longitudinal dimension (S2) and a second transversal dimension (T2), and said central portion (2) has a third longitudinal dimension (S3) and a third transversal dimension (T3). 10
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3. Anatomic pillow in accordance with claim 2, **characterized in that** said third transversal dimension (T3) is higher than the sum of said first and second transversal dimension (T1, T2), and said third longitudinal dimension (S3) is greater than both said first and said second (S1, S2) longitudinal dimension. 25

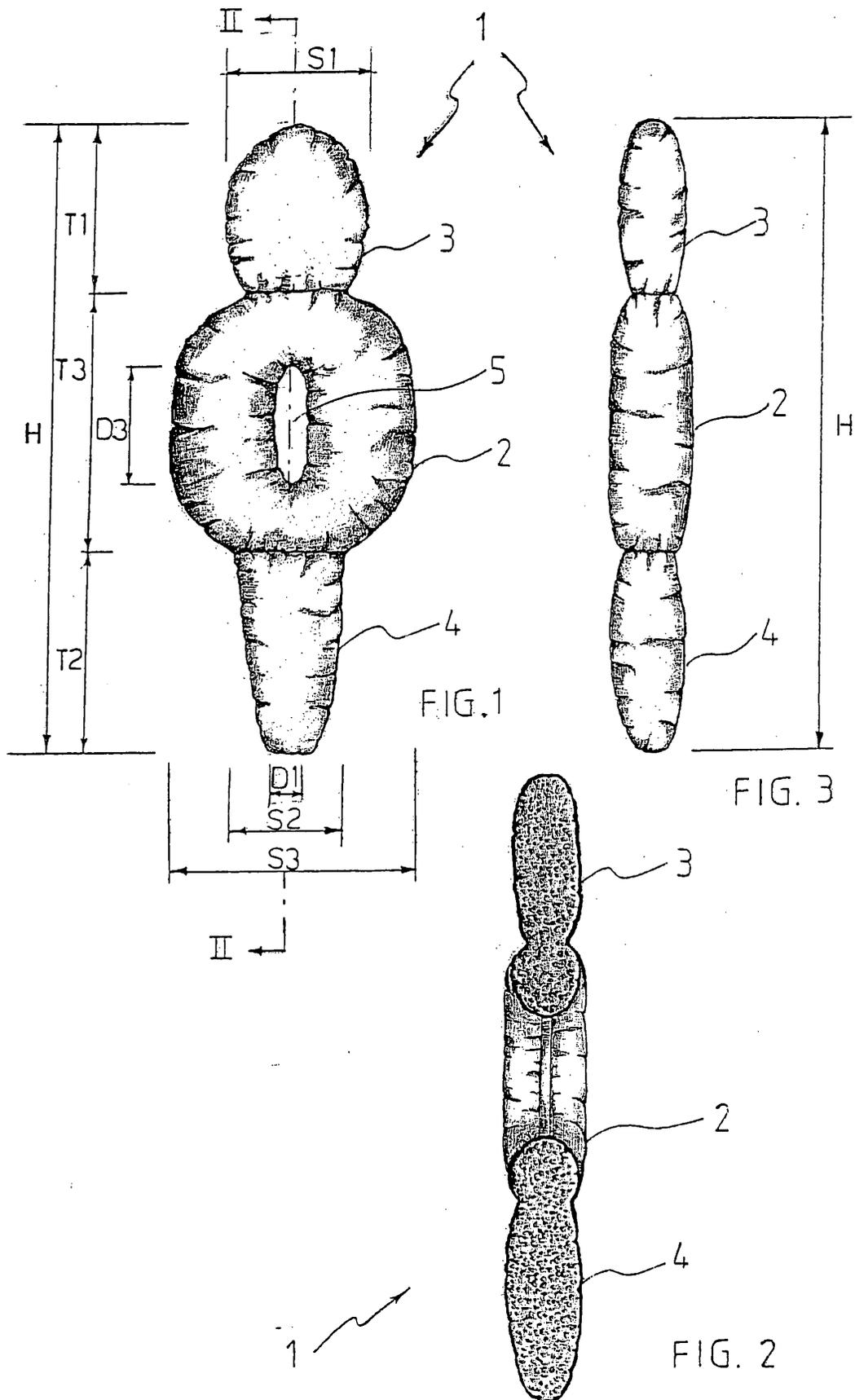
4. Anatomic pillow in accordance with claim 2, **characterized in that** said first longitudinal dimension (S1) is greater than said second longitudinal dimension (S2) and said first transversal dimension (T1) is lower than said second transversal dimension (T2). 30
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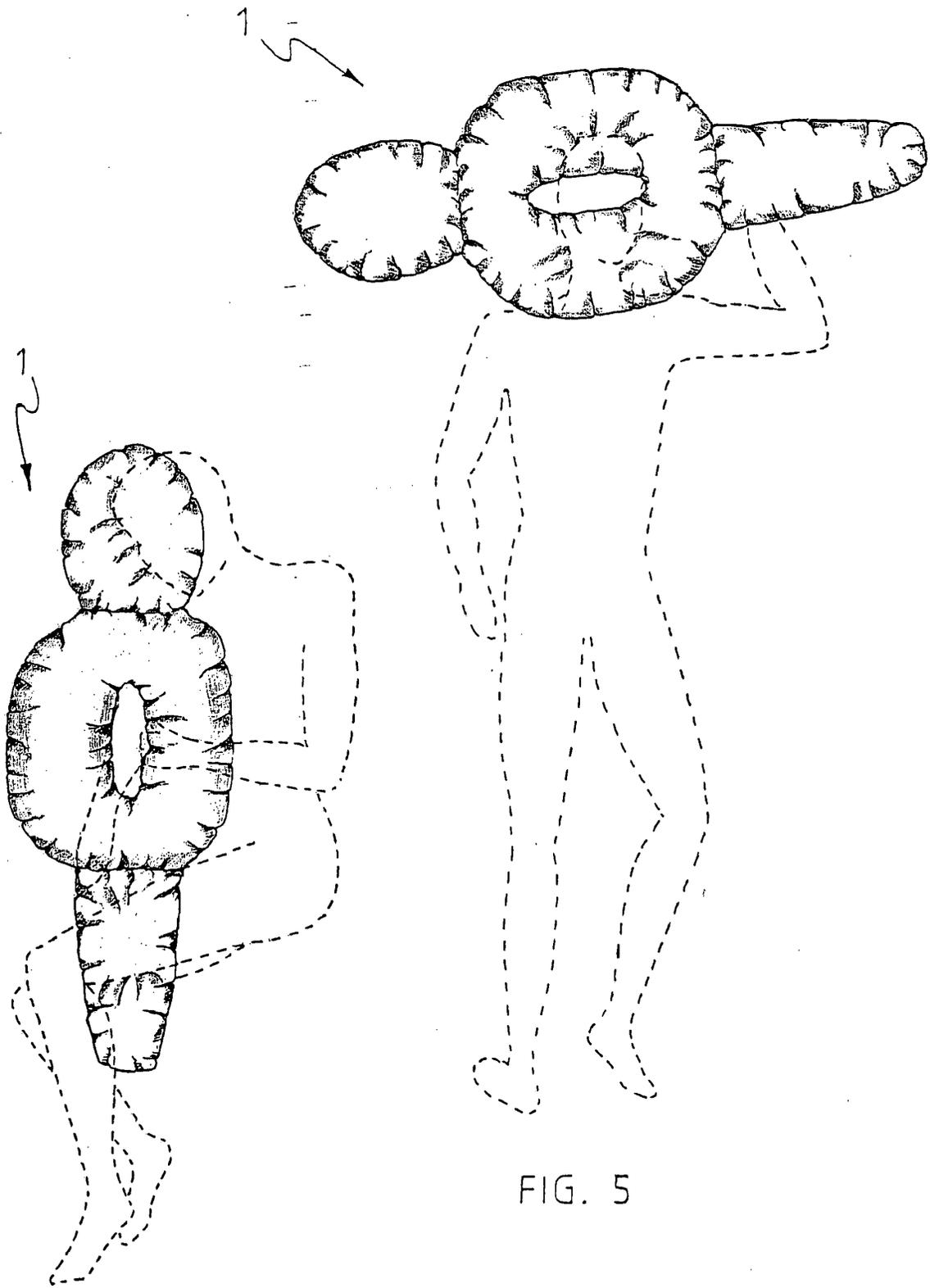


FIG. 4

FIG. 5



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EUROPEAN SEARCH REPORT

Application Number
EP 03 01 4251

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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Place of search	Date of completion of the search	Examiner	
MUNICH	20 October 2003	Reichhardt, O	
CATEGORY OF CITED DOCUMENTS		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 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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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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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82