



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 304 936 B1**

(12) **EUROPEAN PATENT SPECIFICATION**

(45) Date of publication and mention
of the grant of the patent:
02.03.2005 Bulletin 2005/09

(51) Int Cl.7: **A41D 10/00**, A41D 13/12,
A41D 11/00
// A61F5:48

(21) Application number: **01950172.5**

(86) International application number:
PCT/SE2001/001613

(22) Date of filing: **11.07.2001**

(87) International publication number:
WO 2002/005669 (24.01.2002 Gazette 2002/04)

(54) **NIGHT GARMENT**

SCHLAFBEKLEIDUNG

VETEMENT POUR LA NUIT

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**

(74) Representative: **Strandin, Heléne
Bergenstrahle & Lindvall AB,
P.O. Box 17704
118 93 Stockholm (SE)**

(30) Priority: **19.07.2000 SE 0002717**

(43) Date of publication of application:
02.05.2003 Bulletin 2003/18

(56) References cited:
**EP-A1- 0 148 731 DE-A1- 3 314 165
DE-U1- 8 701 785 DE-U1- 29 614 013
SE-A- 9 403 120**

(73) Proprietor: **Lundkvist, Monica
163 75 Spånga (SE)**

(72) Inventor: **ANDERSSON, Anne-Marie
S-164 35 Kista (SE)**

• **DATABASE WPI Week 199924, Derwent
Publications Ltd., London, GB; AN 1999-283982,
XP002958668 & JP 11 093 006 A (TAKIYO KK) 06
April 1999**

EP 1 304 936 B1

Note: Within nine months from the publication of the mention of the grant of the European patent, any person may give notice to the European Patent Office of opposition to the European patent granted. Notice of opposition shall be filed in a written reasoned statement. It shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

Description

[0001] The present invention relates to a night garment for adults or older children.

[0002] In the care of old people especially in the care of dement people and/or people suffering from incontinence, and in care of, for example, certain handicapped children and adults it is a problem that the person in question removes a diaper and/or comes into contact with faeces or urine. When this happens, the person in question must be washed and nearly always the bed has to be done again with clean sheets. Such situations arise several times per night which render a great work load on the care staff, great costs and poor night sleep for the person in question.

[0003] Sometimes it happens that the person in question is wrapped up in drawsheets to prevent that such situation as mentioned above will arise. It is not a good solution to the problem.

[0004] DE-U-87 01 785, DE-U-33 14 165 and DE-U-296 14 013 disclose a bodysuit for incontinent persons having closing means at the backside of the suit.

[0005] An object of the present invention is to provide a night garment that prevents that the above problems arise and that results in that the person in question will gain a calmer sleep.

[0006] This object is met by means of a night garment for adults or older children, comprising a pair of trousers, which are sewn together along the full circumference with an upper body clothing, or which are in one piece with the upper body clothing characterised in that the night garment is closable by closing means only along an opening which extends along the arm of one side of the garment and the shoulder portion of the same side.

[0007] Since the trousers and the upper body clothing are not separate but totally joint together or in one piece the person in question cannot reach a diaper, whereby the above mentioned problem is solved in a way which is human and comfortable for the person in question.

[0008] The closing means may be buttons and buttonholes, snap fasteners or preferably tying ribbons which are positioned in pairs along the opening. The advantage of tying ribbons is that it makes it difficult for the person in question to rip off the night garment and at the same time they are soft to sleep upon. Preferably, elastics are provided at the waist.

[0009] The night garment may be made with different leg lengths, but they may not be so short that the person in question may reach the crotch from the openings of the legs. Preferably, the legs are relatively short and most preferred made of an elastic fabric, for example a cotton tricot, which is tight. Also the arms are preferably short. The upper body clothing portion may preferably be larger giving a loose fitting but also be made of a soft, stretchable material, such as cotton tricot.

[0010] Summing up, the invention is a comfortable solution of said problem that gives the person in question a better night sleep and improves the personal integrity

and liberates the care personnel from heavy work and saves costs for the care. The night garment of the present invention is additionally easy and inexpensive to manufacture, easy to clean and easy to put on for the care personnel. Obviously, it may be manufactured in different colours and sizes.

[0011] The night garment may obviously also be used during day time if so desired.

[0012] An exemplifying embodiment will now be described referring to an enclosed drawing, in which:

Fig. 1 illustrates a night garment according to the present invention.

[0013] The night garment according to Fig. 1 comprises an upper portion, upper body clothing portion 1, like a jumper, or the like provided with two arms 2, in the illustrated case relatively short, similar to a T-shirt, and a pair of trousers 3, provided with two legs 4, which in the illustrated case are relatively short and a soft elastic band 5 around the waist. The upper body clothing portion 1 and the trousers are in one piece or joined along the full circumference at the elastic band 5.

[0014] The night garment is open from the neck opening 6 along the shoulder portion 7 and the upper side of the arm 2 so that the night garment may be put on. Along the opening 9, closing means 8 are provided, in this embodiment tying ribbons 8 placed in pairs, one on each side of the opening 9. These will be tied together, for example, by means of a bow, when the night garment is put on so that the night garment will not fall off or be torn off.

[0015] The night garment ought to be sewn with as little seams as possible to prevent discomfort and sore. The legs 4 ought to be at least 10 cm long and the trousers is preferably tight fitting.

[0016] The night garment is manufactured of a soft, stretchable material which stands repeated washing, such as cotton tricot. The tying ribbons are preferably of cotton fabric so that they will be soft to the body.

Claims

1. A night garment for adults or older children, comprising a pair of trousers (3), which are sewn to an upper body clothing (1) along its full circumference, or which are in one piece with the upper body clothing (1), **characterised in that** the night garment is closable by closing means (8) only along an opening (9), which extends along the arm (2) of one side of the garment and the shoulder portion (7) of the same side.
2. A night garment according to claim 1, wherein the night garment is provided with elastics (5) at the waist.

3. A night garment according to claim 1 or 2, wherein the closing means (8) are tying ribbons, provided in pairs, one on each side of the opening (9).
4. A night garment according to claim 1, 2 or 3, wherein the legs (4) of the trousers (3) are short.
5. A night garment according to any one of the previous claims, wherein the arms (2) are short.
6. A night garment according to any one of the previous claims, which is manufactured of a soft, stretchable fabric.

(2) d'un côté du vêtement et de la partie (7) d'épaule du même côté.

2. Vêtement de nuit selon la revendication 1 dans lequel le vêtement de nuit est muni d'élastiques (5) à la ceinture.
3. Vêtement de nuit selon la revendication 1 ou 2, dans lequel les moyens (8) de fermeture sont des rubans à nouer prévus par paires, l'un de chaque côté de l'ouverture (9).
4. Vêtement de nuit selon la revendication 1, 2 ou 3 dans lequel les jambières (4) du pantalon (3) sont courtes.

Patentansprüche

1. Schlafbekleidung für Erwachsene oder ältere Kinder mit einer Hose (3), die an eine Oberkörperbekleidung (1) entlang deren gesamtem Umfang genäht ist, oder die mit der Oberkörperbekleidung (1) ein Teil bildet, **dadurch gekennzeichnet, dass** die Schlafbekleidung durch Schließmittel (8) nur entlang einer Öffnung (9), die entlang des Ärmels (2) auf der einen Seite der Bekleidung und des Schulterbereichs (7) derselben Seite verläuft, verschließbar ist.
2. Schlafbekleidung nach Anspruch 1, wobei die Schlafbekleidung mit elastischen Mitteln (5) in der Taille versehen ist.
3. Schlafbekleidung nach einem der Ansprüche 1 oder 2, wobei die Schließmittel (8) Schleifenbänder sind, die jeweils paarweise angeordnet sind, eines auf jeder Seite der Öffnung (9).
4. Schlafbekleidung nach einem der Ansprüche 1, 2 oder 3, wobei die Beine (4) der Hose (3) kurz sind.
5. Schlafbekleidung nach einem der vorhergehenden Ansprüche, wobei die Ärmel (2) kurz sind.
6. Schlafbekleidung nach einem der vorhergehenden Ansprüche, die aus einem weichen, dehnbaren Gewebe hergestellt ist.

5. Vêtement de nuit selon l'une quelconque des revendications précédentes dans lequel les manches (2) sont courtes.
6. Vêtement de nuit selon l'une quelconque des revendications précédentes qui est fabriqué en un tissu souple et étirable.

Revendications

1. Vêtement de nuit pour des adultes ou des enfants assez âgés, comprenant un pantalon (3) qui est cousu à une pièce (1) de corps supérieure le long de toute sa circonférence ou qui est d'une pièce avec la partie (1) de corps supérieure, **caractérisé en ce que** le vêtement de nuit peut être fermé par des moyens (8) de fermeture seulement le long d'une ouverture (9) qui s'étend le long de la manche

Fig. 1

