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Asunto	NÚMERO DE RADICACIÓN	12-131214
Trámite	PATENTES DE INVENCION	
Actuación	OPOSICIONES DE TERCEROS	
Título	CUERPO DE ENVASADO CONTINUO PARA ARTÍCULOS ABSORBENTES	
Solicitante	UNICHARM CORPORATION	
Inventores	NAHOMI SUZUKY; TATSUYA TAMURA; YUKI NODA	
Publicación	GACETA N° 657	
Opositor	CMPC TISSUE S.A.	

MAURICIO PINZÓN PINZÓN, identificado con la cédula de ciudadanía N° 79.145.527 de Usaquén, actuando en calidad de apoderado de CMPC TISSUE S.A., procedo a presentar OPOSICIÓN en contra de la solicitud de Patente de Invención titulada CUERPO DE ENVASADO CONTINUO PARA ARTÍCULOS ABSORBENTES y publicada en la Gaceta de la Propiedad Industrial N° 657.

I. PETICIÓN

1. Sírvese **DECLARAR FUNDADA** la oposición presentada contra la solicitud de Patente de Invención titulada CUERPO DE ENVASADO CONTINUO PARA ARTÍCULOS ABSORBENTES.
2. Como consecuencia de lo anterior, sírvase **NEGAR** la solicitud de Patente de Invención titulada CUERPO DE ENVASADO CONTINUO PARA ARTÍCULOS ABSORBENTES solicitada por UNICHARM CORPORATION.

II. FUNDAMENTOS DE HECHO

1. En la Gaceta de Propiedad Industrial N° 657 se publicó la solicitud de Patente de Invención titulada CUERPO DE ENVASADO CONTINUO PARA ARTÍCULOS ABSORBENTES.

2. La solicitud de Patente de Invención titulada CUERPO DE ENVASADO CONTINUO PARA ARTÍCULOS ABSORBENTES no cumple con los requisitos de patentabilidad contenidos en el artículo 14 de la Decisión 486 de la CAN, el cual reza lo siguiente: *“Los Países Miembros otorgarán patentes para las invenciones, sean de producto o de procedimiento, en todos los campos de la tecnología, siempre que sean nuevas, tengan nivel inventivo y sean susceptibles de aplicación industrial”*. (Énfasis añadido).

III. FUNDAMENTOS DE DERECHO

Son fundamentos de la presente demanda de oposición las siguientes normas:

1. Artículos 14, 16 y 18 de la Decisión 486 de la Comisión de la Comunidad Andina.
2. Artículo 42 de la Decisión 486 de la Comisión de la Comunidad Andina.
3. Normas pertinentes del Código Contencioso Administrativo.
4. Demás normas concordantes y complementarias.

IV. FUNDAMENTOS DE IRREGISTRABILIDAD ALEGADOS

El artículo 14 de la Decisión 486 de la Comunidad Andina, señala que: *“Los Países Miembros otorgarán patentes para las invenciones, sean de producto o de*

procedimiento, en todos los campos de la tecnología, siempre que sean nuevas, tengan nivel inventivo y sean susceptibles de aplicación industrial". (Énfasis Añadido).

Igualmente, el artículo 16 de la Norma Andina, en materia de patentes, reza lo siguiente: "Una invención se considerará nueva cuando no está comprendida en el estado de la técnica.

El estado de la técnica comprenderá todo lo que haya sido accesible al público por una descripción escrita u oral, utilización, comercialización o cualquier otro medio antes de la fecha de presentación de la solicitud de patente o, en su caso, de la prioridad reconocida.

Sólo para el efecto de la determinación de la novedad, también se considerará dentro del estado de la técnica, el contenido de una solicitud de patente en trámite ante la oficina nacional competente, cuya fecha de presentación o de prioridad fuese anterior a la fecha de presentación o de prioridad de la solicitud de patente que se estuviese examinando, siempre que dicho contenido esté incluido en la solicitud de fecha anterior cuando ella se publique o hubiese transcurrido el plazo previsto en el artículo 40". (Las subrayas no hacen parte del texto original).

De la misma forma, el artículo 18 de la Decisión 486 establece lo siguiente: "Se considerará que una invención tiene nivel inventivo, si para una persona del oficio normalmente versada en la materia técnica correspondiente, esa invención no hubiese resultado obvia ni se hubiese derivado de manera evidente del estado de la técnica". (Las subrayas no hacen parte del texto original).

V. ARGUMENTACIÓN

V.I La solicitud en análisis:

La solicitud NO. 12-131.214 intenta proteger un cuerpo de envasado continuo para artículos absorbentes, particularmente para toallas sanitarias femeninas.

Las características que se describen en la solicitud NO 12-131.214, carecen totalmente de novedad y altura inventiva, esto puede verificarse fácilmente a partir de los variados productos disponibles actualmente en el mercado, los cuales ya presentan las características que se describen en la mencionada solicitud. Además, ya existen documentos, del estado de la técnica, que describen las características de la solicitud NO 12-131.214, lo cual permitiría a cualquier persona, medianamente versada en el tema, concluir que lo que se intenta proteger ya es conocido y de obviedad absoluta.

En la solicitud No. 12-131.214 se presenta un pliego de reivindicaciones que comprende una reivindicación independiente, la cual describe lo siguiente:

Un cuerpo de envasado continuo para artículos absorbentes, que posee una pluralidad de cuerpos de envasado alineados en forma continua donde los artículos absorbentes se envasan en forma individual con una lámina exterior pudiendo ser separados por cuerpo de envasado a lo largo de una línea de desprendimiento formada sobre los cuerpos de envasado, en donde al menos parte del artículo absorbente se fija a una cara interna de la lámina exterior.

Las técnicas de envasado individual de artículos absorbentes, particularmente de toallas sanitarias femeninas, son actualmente muy conocidas y empleadas en el sector industrial de artículos absorbentes sanitarios, permitiendo disponer de una amplia variedad de toallas que se encuentran envasada en distintos tipos de envases formados durante el proceso de producción. Así se pueden encontrar toallas dobladas envasadas en una bolsa de material sintético

siendo parte separada de la toalla misma, otras toallas tiene parte de su backsheet adherido suavemente al envoltorio, de manera de que puedan ser adheridas directamente a la prenda interior femenina, otras toallas extendidas tienen partes de su envase que forman parte misma del backsheet de la toalla, y así diverso tipos de envases para toallas sanitarias femeninas.

Por otra parte, el envasado de productos individuales que en su conjunto pueden formar parte de un grupo mayor de productos en una forma de tira de productos, es ampliamente conocida en el estado de la técnica general, especialmente se pueden encontrar ese tipo de productos envasados en el sector de alimentarios, especialmente en golosinas. Así, entonces, es lógico establecer que un cuerpo de envasado continuo para artículos absorbentes, que posee una pluralidad de cuerpos de envasado alineados en forma continua, puede ser una materia absolutamente derivable para un técnico de nivel medio en el estado de la técnica. Por tal motivo, no se puede reconocer un mérito inventivo a la solicitud 12-131.214, pues, no presenta elementos novedosos que originen una ventaja técnica respecto a lo ya conocido en el estado de la técnica.

Para complementar nuestra oposición se adjunta copia del documento JP 2004290598, de fecha de publicación 21 de octubre de 2004 y la traducción al idioma inglés del mismo documento originada en forma on-line por la oficina japonesa de patentes.

En dicho documento se describe un artículo absorbente, particularmente una toalla sanitaria femenina, envuelta entre dos capas y con un sello en sus extremos que permite su aislación de la toalla anterior y posterior, formando un conjunto de productos continuos que se encuentran unidos aisladamente formando un rollo que contiene a la pluralidad de toallas envasadas en forma

continua. En forma particular, en la figura 1 se puede apreciar el rollo que forma la pluralidad de toallas envasadas aisladamente y que son separadas por una línea prepicada "L". En la figura 2 se puede apreciar que la toalla está adherida por líneas de adhesivo (14) a la lámina de envase (22), la cual, al retirarse, sirve para que la toalla se adhiera por el backsheet a la ropa interior.

Como es posible advertir, en este documento JP 2004290598 se divulga con anterioridad un cuerpo de envasado continuo para artículos absorbentes, el cual incluye todas las características que genéricamente se describen en la solicitud No. 12-131.214

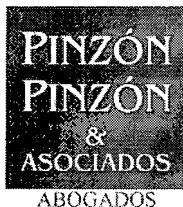
Por lo tanto, el mecanismo de formación y transferencia de núcleos absorbentes reivindicado en la solicitud No. 12-131.214 no presenta características que le otorguen novedad frente a lo descrito en el documento JP 2004290598.

Por todo lo anteriormente descrito, además del análisis profundo de los antecedentes acompañados, se puede asegurar que el conjunto de artículos absorbentes descritos en la solicitud No. 1- 131.214 no tienen novedad ni altura inventiva.

Por todo lo anterior estimamos que la solicitud No. 12-131.214, debe ser negada en su totalidad.

VI. ANEXOS

1. Poder general otorgado por CMPC TISSUE S.A.



2. Documento No. JP 2004290598, de fecha de publicación 21 de octubre de 2004.
3. Traducción a inglés del Documento No. JP 2004290598, de fecha de publicación 21 de octubre de 2004

NOTIFICACIONES

1. Al solicitante y su apoderado en la dirección consignada en la solicitud de Patente de Invención.
2. El suscrito recibirá notificaciones en la Secretaría de esa Dirección o en la Calle 99 No. 12-39, Piso 4 de la ciudad de Bogotá D.C., teléfono 6219721.

Atentamente,

MAURICIO PINZÓN PINZÓN

C.C. No. 79.145.527 de Usaquén

T.P. No. 37.242 del C. S. de la J.

JOB/43022

JP2004290598
PACKING STRUCTURE FOR ABSORBENT ARTICLE

Inventor(s): YASUDA AI

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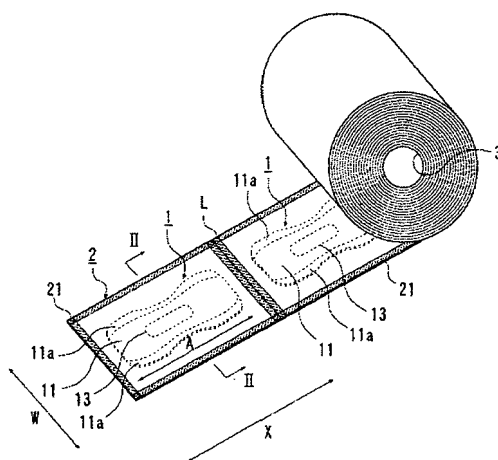
Classification international: A61F13/15; A61F13/472; A61F13/49; A61F13/494;
 (IPC1-7)

Application number: JP20030090654 20030328

Priority number(s): JP20030090654 20030328

Abstract of JP2004290598 (A)

PROBLEM TO BE SOLVED: To accomplish the hygienic and compact packing and housing of absorbent articles. ; **SOLUTION:** In the packing component unit 100, a plurality of sanitary napkins 1 is packed with a packing member 2 to be wound in a roll. Each of the sanitary napkins 1 has a top sheet 11, a back sheet 12 and an absorbent 13 disposed between the top sheet and the back sheet. The packing member has a surface cover sheet 21 for covering the sanitary napkin from the side of the top sheet 11 and a rear cover sheet 22 for covering the sanitary napkin from the side of the pack sheet 12. Out of the surface and rear cover sheets, at least one cover sheet is formed being linked continuously in a belt. Consequently, each sanitary napkin is sandwiched between the surface and rear cover sheets while both rim parts in the longitudinal direction X of at least the surface and rear cover sheets are laid one upon the other to seal up.



Field of the Invention

The present invention relates to the packaging structure of an absorbent article.

Description of the Prior Art

Conventionally, as an absorbent article, the sanitary napkin is known, for example and what has a fluid permeability top sheet which makes the surface (contact surface with skin) side, a backsheet of fluid impermeability which makes the back surface side, and an absorber of the liquid absorptivity arranged between these each sheet is common.

An absorbent article like this sanitary napkin is packed by packaging members, such as a film, in the state where it folded up more nearly individually than before, these plurality is summarized, and the whole package is performed.

By the way, when an absorbent article was folded up individually and packed as mentioned above, the absorbent article was bulky and it was difficult to store and pack the absorbent article concerned compactly.

Then, the structure which packed two or more absorbent articles to rolled form by the strip-like packaging member as packaging structure of the absorbent article in which storage and a package in a compact are more possible is proposed (for example, see Patent Document JP,H9-154878,A.).

Effect of the Invention

According to the invention according to claim 1, entering of the garbage from the edge section of the longitudinal direction of a surface cover sheet and a back surface cover sheet, dust, etc. can be prevented, and an absorbent article can be stored and packed sanitarily and compactly.

According to the invention according to claim 2, since the break for separating an absorbent article individually between two absorbent articles which are adjacent to is provided, the packaging member can detach each absorbent article easily by cutting off a packaging member along with a break when using an absorbent article.

According to the invention according to claim 3, the portion which becomes the break order of a surface cover sheet and a back surface cover sheet, Since it is piled up mutually and seals along with the break, the entering of the garbage from a portion, dust, etc. which becomes the break order of a surface cover sheet and a back surface cover sheet can also be prevented, and the absorbent article which was arranged before and after the break can be kept sanitary.

According to the invention according to claim 4, entering of the garbage from the edge section by the side of the cross direction of the back surface cover sheet of a surface cover sheet, dust, etc. can be prevented, and an absorbent article can be stored and packed sanitarily and compactly.

According to the invention according to claim 5, a back surface cover sheet, Since the break for separating an absorbent article individually between two absorbent articles which are adjacent to is provided, each absorbent article is easily detachable by cutting off a packaging member along with a break when using an absorbent article.

According to the invention according to claim 6, the edge section of the cross direction of a surface cover sheet, and the edge section of the cross direction of an absorbent article, Since it piles up and seals, entering of the garbage from the edge

section of the cross direction of a surface cover sheet, dust, etc. can also be prevented, and an absorbent article can be kept sanitary.

According to the invention according to claim 7, at the time of storage and a package of an absorbent article, it becomes easy to produce bending from which the surface of a top sheet serves as the inside, and the wearing nature of an absorbent article can be improved. Since leakage of the liquid resulting from fold which is produced in the case of the absorbent article which folded up, for example and was packed can be inhibited, the absorption efficiency of the liquid by an absorbent article can be raised, and the commodity value of the absorbent article concerned can be raised.

According to the invention according to claim 8, since the surface cover sheet and the back surface cover sheet comprise material which has water solubility, they can pass and cancel the surface cover sheet and back surface cover sheet used as discard, for example to a rinsing toilet etc. when using an absorbent article.

Since the thickness of an absorbent article is 8 mm or less according to the invention according to claim 9, a rolled form package of an absorbent article can be performed preferably.

Problem to be solved by the invention

However, since it is in the state where in the case of the above-mentioned Patent document 1 adhered the back surface of each absorbent article to the upper surface of the packaging member, and the aforementioned packaging member was wound around rolled form, it is difficult to keep sanitary the top sheet which makes a contact surface with the skin of an absorbent article. Namely, since it has predetermined thickness, a gap produces an absorbent article among the packaging members which overlap in the state where it was wound around rolled form, Garbage, dust, etc. enter easily inside the packaging member concerned from the edge of the longitudinal direction of a packaging member, and the absorbent article arranged inside the packaging member concerned will be in an insanitary state.

The problem of the present invention is providing the packaging structure of the absorbent article which can pack and store an absorbent article sanitarly and compactly.

Brief Description of the Drawings

[Drawing 1] It is a perspective view showing the packaging structure of the sanitary napkin of the first embodiment illustrated as a preferable example of the packaging structure of the absorbent article to which the present invention is applied.

[Drawing 2] It is an expanded sectional view of the essential part in the II-II line of Fig.1.

[Drawing 3] It is an essential part enlarged drawing showing the state where the surface cover sheet of the packaging structure of the sanitary napkin of Fig.1 was opened.

[Drawing 4] It is a plan view showing a different example from the packaging structure of the sanitary napkin of Fig.1.

[Drawing 5] It is a plan view showing the modification 1 of the packaging structure of a sanitary napkin.

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[Drawing 6] It is a figure showing the packaging structure of the sanitary napkin of the second embodiment illustrated as a preferable example of the packaging structure of the absorbent article to which the present invention is applied.

[Drawing 7] It is a plan view showing a different example from the packaging structure of the sanitary napkin of Fig. 6.

[Drawing 8] It is a plan view showing the modification 2 of the packaging structure of a sanitary napkin.

Explanations of letters or numerals

Packaging structure of 100, 200, 300, 400, 500, 600, 700, 800, and 900 sanitary napkins (packaging structure of an absorbent article)

1, 901 sanitary napkins (absorbent article)

11 Top sheet

12 Backsheet

13 Absorber

2, 202, 302, 402, 502, 602, 702, 802, and 902 Packaging member

21, 421, 621, 721, 821, 921 surface cover sheets

22 and 622 Back surface cover sheet

L Perforations (break)

A Longitudinal direction

X Longitudinal direction

W Cross direction

H Thickness

Means for solving problem

The invention according to claim 1 should be shown in Fig. 1 and Fig. 2, for example, The top sheet (11) which is arranged at the surface side, and the backsheet (12) which is arranged at the back surface side, Two or more absorbent articles provided with the absorber (13) which is arranged between the aforementioned top sheet and the aforementioned backsheet. It is the packaging structure of the absorbent article which (for example, the sanitary napkin 1) etc. were packed by the packaging member (2), and was wound around rolled form (for example, packaging structure 100 of a sanitary napkin, etc.).

The aforementioned packaging member is provided with the surface cover sheet (21) for covering the aforementioned absorbent article from the aforementioned top sheet side, and the back surface cover sheet (22) for covering the aforementioned absorbent article from the aforementioned backsheet side, and is constituted.

Among the aforementioned surface cover sheet and the aforementioned back surface cover sheet, continuously, the cover sheet of at least 1 side is connected in strip-like fashion, and is formed. The aforementioned absorbent article is put between the aforementioned surface cover sheet and the aforementioned back surface cover sheet, and the edge section of longitudinal direction (X) of the aforementioned surface cover sheet and the aforementioned back surface cover sheet is characterized by being piled up mutually and coming to seal at least.

According to the invention according to claim 1, the inside of a surface cover sheet and a back surface cover sheet, Continuously, the cover sheet of at least 1 side is connected in strip-like fashion, and is formed, An absorbent article should be caught by the surface cover sheet and a back surface cover sheet, And at least, the

edge section of the longitudinal direction of a surface cover sheet and a back surface cover sheet is piled up mutually, and is sealed, and these surface cover sheets, the back surface cover sheet, and the absorbent article are wound around rolled form. Therefore, entering of the garbage from the edge section of the longitudinal direction of a surface cover sheet and a back surface cover sheet, dust, etc. can be prevented, and an absorbent article can be stored and packed sanitarly and compactly.

The invention according to claim 2 is set to the packaging structure of the absorbent article according to claim 1, for example, as shown in Fig.1 etc.,

The aforementioned packaging member is characterized by providing the breaks (for example, perforations L etc.) for separating the aforementioned absorbent article individually between the two aforementioned absorbent articles which are adjacent to.

According to the invention according to claim 2, that the same effect as the invention according to claim 1 is acquired the thing of a non-theory, especially a packaging member, Since the break for separating an absorbent article individually between two absorbent articles which are adjacent to is provided, each absorbent article is easily detachable by cutting off a packaging member along with a break when using an absorbent article.

The invention according to claim 3 is set to the packaging structure of the absorbent article according to claim 2, it is characterized by piling up the portion of each other which becomes the aforementioned break order of the aforementioned surface cover sheet and the aforementioned back surface cover sheet, and coming to seal it along with the aforementioned break.

According to the invention according to claim 3, that the same effect as the invention according to claim 2 is acquired the thing of a non-theory, and especially the portion that becomes the break order of a surface cover sheet and a back surface cover sheet, Since it is piled up mutually and seals along with the break, the entering of the garbage from a portion, dust, etc. which becomes the break order of a surface cover sheet and a back surface cover sheet can also be prevented, and the absorbent article which was arranged before and after the break can be kept sanitary. Therefore, it will face carrying an absorbent article, for example, four-quarters sealing of the separated absorbent article will be carried out by a surface cover sheet and the back surface cover sheet, and it can carry sanitarly.

The invention according to claim 4 should be shown in Fig.6 - Fig.8, for example, the top sheet (11) which is arranged at the surface side, and the backsheet (12) which is arranged at the back surface side, Two or more absorbent articles provided with the absorber (13) which is arranged between the aforementioned top sheet and the aforementioned backsheet. It is the packaging structure of the absorbent article which (for example, the sanitary napkin 1) was packed by the packaging member (602), and was wound around rolled form (for example, packaging structure 600 of a sanitary napkin, etc.),

The aforementioned packaging member is provided with the surface cover sheet (621) for covering the aforementioned absorbent article from the aforementioned top sheet side, and the back surface cover sheet (622) for covering the aforementioned absorbent article from the aforementioned backsheet side, and is constituted, continuously, the aforementioned back surface cover sheet is connected in strip-like fashion, and is formed, the back surface of the aforementioned absorbent article adheres to the aforementioned back surface

cover sheet, and the edge section by the side of the cross direction (W) of the aforementioned back surface cover sheet of the aforementioned surface cover sheet and the edge section by the side of the cross direction of the aforementioned surface cover sheet of the aforementioned absorbent article are characterized by piling up and coming to seal at least.

The invention according to claim 4 a back surface cover sheet, Continuously, it is connected in strip-like fashion, and is formed, and the back surface of an absorbent article adheres to a back surface cover sheet, and at least The edge section by the side of the cross direction of the back surface cover sheet of a surface cover sheet, The edge section by the side of the cross direction of the surface cover sheet of an absorbent article is piled up and sealed, and these surface cover sheets, the back surface cover sheet, and the absorbent article are wound around rolled form. Therefore, entering of the garbage from the edge section by the side of the cross direction of the back surface cover sheet of a surface cover sheet, dust, etc. can be prevented, and an absorbent article can be stored and packed sanitarily and compactly.

The invention according to claim 5 is set to the packaging structure of the absorbent article according to claim 4, for example, as shown in Fig.6 etc., the aforementioned back surface cover sheet is characterized by providing the break (for example, perforations L) for separating the aforementioned absorbent article individually between the two aforementioned absorbent articles which are adjacent to.

According to the invention according to claim 5, that the same effect as the invention according to claim 4 is acquired the thing, especially back surface cover sheet of a non-theory, Since the break for separating an absorbent article individually between two absorbent articles which are adjacent to is provided, each absorbent article is easily detachable by cutting off a packaging member along with a break when using an absorbent article.

The invention according to claim 6 is set to the packaging structure of the absorbent article according to claim 4 or 5, the edge section of the cross direction of the aforementioned surface cover sheet and the edge section of the cross direction of the aforementioned absorbent article are characterized by piling up and coming to seal.

Since the edge section of the thing of a non-theory, especially the cross direction of a surface cover sheet and the edge section of the cross direction of an absorbent article are piled up and sealed, that the same effect as the invention according to claim 4 or 5 is acquired according to the invention according to claim 6, Entering of the garbage from the edge section of the cross direction of a surface cover sheet, dust, etc. can also be prevented, and an absorbent article can be kept sanitary.

The invention according to claim 7 is set to the packaging structure of the absorbent article according to any one of claims 1 to 6, for example, as shown in Fig.1 etc., the aforementioned absorbent article is arranged so that the longitudinal direction (A) may become substantially parallel with the longitudinal direction of the aforementioned packaging member, the aforementioned absorbent article and the aforementioned packaging member are characterized by being wound so that the aforementioned top sheet may serve as the inside.

According to the invention according to claim 7, that the same effect as the invention according to claim 1 to 6 is acquired the thing of a non-theory, especially an absorbent article, Are arranged so that the longitudinal direction may become

substantially parallel with the longitudinal direction of a packaging member, and an absorbent article and a packaging member, Since it is wound so that a top sheet may serve as the inside, at the time of storage and a package of an absorbent article, it becomes easy to produce bending from which the surface of a top sheet serves as the inside, and the wearing nature of an absorbent article can be improved. Since leakage of the liquid resulting from fold which is produced in the case of the absorbent article which folded up, for example and was packed can be inhibited, the absorption efficiency of the liquid by an absorbent article can be raised, and the commodity value of the absorbent article concerned can be raised.

The invention according to claim 8 is set to the packaging structure of the absorbent article according to any one of claims 1 to 7, the aforementioned surface cover sheet and the aforementioned back surface cover sheet are characterized by comprising material which has water solubility.

According to the invention according to claim 8, that the same effect as the invention according to claim 1 to 7 is acquired the thing especially surface cover sheet, and back surface cover sheet of a non-theory, Since it comprises material which has water solubility, the surface cover sheet and back surface cover sheet used as discard can be passed and canceled, for example to a rinsing toilet etc. when using an absorbent article.

The invention according to claim 9 is set to the packaging structure of the absorbent article according to any one of claims 1 to 8, for example, as shown in Fig.2 etc., thickness (H) of the aforementioned absorbent article is characterized by being 8 mm or less.

According to the invention according to claim 9, since the thing of a non-theory, especially the thickness of an absorbent article are 8 mm or less, that the same effect as the invention according to claim 1 to 8 is acquired can perform a rolled form package of an absorbent article preferably.

Mode for carrying out the invention

Below, about the present invention, below Drawings are used and a specific mode is described. However, the scope of invention is not limited to an illustrated example.

A first embodiment

Fig.1 is a perspective view showing the packaging structure of the sanitary napkin of the first embodiment illustrated as a preferable example of the packaging structure of the absorbent article to which the present invention is applied.

As shown in Fig.1, two or more sanitary napkins 1 are packed by the packaging member 2 which has the surface cover sheet 21 and the back surface cover sheet 22, and the packaging structure 100 of a sanitary napkin winds them around rolled form centering on the roll core 3.

Each sanitary napkin 1 is an approximately plate-like component which has predetermined thickness, for example, is formed in the form where the both ends of the longitudinal direction A swelled slightly in plane view.

Below, with reference to Fig.2 and Fig.3, it describes still in detail about the structure of the sanitary napkin 1. Fig.2 is an expanded sectional view of the essential part in the II-II line of Fig.1 here, and Fig.3 is an essential part enlarged drawing showing the state where the surface cover sheet 21 of the packaging structure 100 of a sanitary napkin was opened.

As shown in Fig.2, the sanitary napkin 1 is provided with the absorber 3 which was arranged between the top sheet 11 which was arranged at the surface (use surface as contact surface with skin) side, the backsheet 12 which was arranged at the back surface side, and the top sheet 11 and the backsheet 12, and is constituted.

The top sheet 11 is formed so that it may have the liquid permeability which makes menstrual blood, a vaginal discharge, etc. as body fluid transmit promptly. Therefore, the body fluid discharged from the body can be promptly led to the absorber 13 via the top sheet 11.

The top sheet 11 is formed with perforation or the nonporous nonwoven fabric, the porous plastic sheet, etc., for example. As a material fiber which constitutes a nonwoven fabric, natural fibers, such as regenerated fiber, such as rayon and cuprammonium rayon besides synthetic fibers, such as an olefin system of polyethylene or polypropylene, a polyester system, and a polyamide system, and cotton, can be used, for example. As a method of manufacturing a nonwoven fabric, a publicly known method can be used suitably, for example, a nonwoven fabric can be manufactured by the span race method, the span bond method, the thermal bond method, the melt blowing method, the needle punch method, or the method that combined these.

When a many bore was formed in the top sheet 11, compared with the top sheet which body fluid, such as menstrual blood and a vaginal discharge, comes to be absorbed more promptly, and becomes the thing excellent in dry touch nature, and does not have a hole, elasticity should be excellent.

The sheet end components 11a and 11a are provided by the edge section of the longitudinal direction A of the top sheet 11. Each sheet end component 11a is provided integrally the surface side of the top sheet 11, for example. Each sheet end component 11a consists of nonwoven fabrics, for example, namely, each sheet end component 11a serves as low elasticity compared with the top sheet 11.

The backsheet 12 comprises material of non-liquid-permeable nature, such as polyethylene, for example. Thereby, the liquid leakage from the back surface side of the sanitary napkin 1 is prevented reliably.

As a sheet material which it is preferable that it is a sheet material which has moisture permeability in view of the Mouret prevention for example, as for the backsheet 12, and possesses this water-shut-off nature and moisture permeability, For example, after carrying out melt kneading of the inorganic bulking agent and molding a sheet into olefin system resin, such as polyethylene and polypropylene, the fine porous sheet material obtained by extending to one axis or two axial directions is used preferably.

The adhesion part 14 for adhering the sanitary napkin 1 concerned to the back surface cover sheet 22 is provided at the back surface side of the backsheet 12. When equipping the body with the sanitary napkin 1 by this adhesion part 14, it is also possible to fix the sanitary napkin 1 concerned to underwear.

The absorber 13 is constituted by what wrapped the core containing the polymeric material which absorbs the liquid itself in it on the basis of the material which was rich in the absorptivity of curdy pulp etc., for example in crepe paper etc. Here, pulp has the property to absorb and hold a liquid for a short time, and although polymer is comparatively gentle, it has a property which absorbs a liquid reliably.

The absorber 13 is installed in the central site of the top sheet 11 and the backsheet 12, and the menstrual blood discharged from the human body is absorbed with the absorber 13.

The peripheral edge part of the top sheet 11 used as the surrounding portion of the absorber 13 and the backsheet is sealed, for example with heat sealing etc.

The sanitary napkin 1 of the above-mentioned composition will be in the state where it was wrapped by the surface cover sheet 21 concerned and the back surface cover sheet 22, by being covered with the surface cover sheet 21 from the top sheet 11 side, and being covered with the back surface cover sheet 22 from the backsheet 12 side.

Two or more sanitary napkins 1 and -- are arranged at the surface cover sheet 21 and the back surface cover sheet 22 so that the longitudinal direction A of the sanitary napkin 1 may become substantially parallel with the longitudinal direction X of the surface cover sheet 21 concerned and the back surface cover sheet 22.

Here, the surface cover sheet 21 and the back surface cover sheet 22 are the components formed in approximately rectangular shape, and are in the state where two or more surface cover sheets 21 and back surface cover sheets 22 were connected in strip-like fashion continuously, for example. And the surface cover sheet 21 and the back surface cover sheet 22 are arranged, for example so that each ends may substantially overlap.

The peripheral part of each sanitary napkin 1 is sealed among the surface cover sheet 21 and the back surface cover sheet 22. Specifically, while the edge section of the longitudinal direction X of the surface cover sheet 21 and the back surface cover sheet 22 has specified width and is sealed, The portion which becomes each sanitary napkin 1 order among the surface cover sheet 21 and the back surface cover sheet 22 is sealed with specified width along the cross direction of the surface cover sheet 21 and the back surface cover sheet 22. This is in the state where each sanitary napkin 1 was packed individually.

As the above-mentioned sealing method, to the sealed part of the surface cover sheet 21 and the back surface cover sheet 22, For example, application of pastes, such as hot melt adhesive, or the tape of double-sided adhesiveness is stuck, and the method of sealing by applying a pressure so that it may insert from the method of outside, the method of heat sealing the sealed part of the surface cover sheet 21 and the back surface cover sheet 22 using a heat sealer, etc. are mentioned.

And as mentioned above, where the sanitary napkin 1 is put between the surface cover sheet 21 and the back surface cover sheet 22, it is wound so that the top sheet 11 may serve as the inside. Thereby, at the time of storage and a package of the sanitary napkin 1, it becomes easy to produce bending **** from which the surface of the top sheet 11 used as a contact surface with skin serves as the inside, and the wearing nature of the sanitary napkin 1 can be improved. Since leakage of the menstrual blood resulting from fold **** which is produced in the case of the sanitary napkin 1 which folded up, for example and was packed can be inhibited, the absorption efficiency of the menstrual blood by the sanitary napkin 1 can be raised, and worth of goods of the sanitary napkin 1 concerned can be raised.

Between the sealed parts 1 and 1 of the surface cover sheet 21 before and behind each sanitary napkin 1, and the back surface cover sheet 22, i.e., two sanitary napkins which are adjacent to, perforations (break) L for separating the sanitary napkin 1 individually is formed. This perforations L is formed over the cross direction of the surface cover sheet 21 and the back surface cover sheet 22 in the position used as the approximately center of a sealed part, for example. Therefore,

each sanitary napkin 1 is easily detachable by cutting off the surface cover sheet 21 and the back surface cover sheet 22 along with perforations L.

For example, it faces carrying the sanitary napkin 1, and by becoming possible and the separated sanitary napkin 1 being wound around rolled form, the sanitary napkin 1 concerned can be packed compactly and separating a required number of sanitary napkins 1 can also possess it.

Below as for the length of the cross direction of the winding health rolled paper (not shown) for toilets, the length of the cross direction W of the surface cover sheet 21 and the back surface cover sheet 22 is carried out, and, specifically, let it be the range of 100-115 mm, for example. While storage of the sanitary napkin 1 packed by rolled form is attained and being able to secure the housed place of the sanitary napkin 1 by this to the winding health rolled paper holder for toilets in toilet (not shown), When using the sanitary napkin 1, what is necessary is just to take out the sanitary napkin 1 from the winding health rolled paper holder for toilets, and the handling property of the sanitary napkin 1 can be improved.

The surface cover sheet 21 and the back surface cover sheet 22 comprise material which has water solubility, respectively. thereby, the fiber which constitutes the surface cover sheet 21 and the back surface cover sheet 22 is understood by contacting moisture -- it becomes *****. Therefore, the surface cover sheet 21 and the back surface cover sheet 22 used as discard can be passed and canceled, for example to rinsing toilet (not shown) etc. when using the sanitary napkin 1.

Thickness H of the sanitary napkin 1 in this embodiment is 8 mm or less. It is because the thickness of the sanitary napkin 1, the surface cover sheet 21, and the back surface cover sheet 22 becomes too much largely and it becomes impossible for having specified the maximum as 8 mm to perform a rolled form package of the sanitary napkin 1 preferably, when it exceeds 8 mm.

As for the diameter of the roll core 3, in this embodiment, it is preferable to be considered as the degree around which the sanitary napkin 1 whose length of the longitudinal direction A is 20 cm does not go, for example. Thereby, improvement in the extraction nature of the sanitary napkin 1 can be aimed at.

As mentioned above, according to the packaging structure 100 of the sanitary napkin of this embodiment. The sanitary napkin 1 should be caught by the surface cover sheet 21 and the back surface cover sheet 22, And the edge section of the longitudinal direction X of the surface cover sheet 21 and the back surface cover sheet 22 is piled up mutually, and is sealed, Since these surface cover sheets 21, the back surface cover sheet 22, and the sanitary napkin 1 are wound around rolled form, Entering of the garbage from the edge section of the longitudinal direction X of the surface cover sheet 21 and the back surface cover sheet 22, dust, etc. can be prevented, and the sanitary napkin 1 can be stored and packed sanitarily and compactly.

The portion which becomes the perforations L order of the surface cover sheet 21 and the back surface cover sheet 22, Since it seals along with perforations L, the entering of the garbage from a portion, dust, etc. which becomes the perforations L order of the surface cover sheet 21 and the back surface cover sheet 22 can be prevented, and the sanitary napkin 1 which was arranged before and after perforations L can be kept sanitary.

Therefore, for example, it will face carrying the sanitary napkin 1, four-quarters sealing of the separated sanitary napkin 1 will be carried out by the surface cover sheet 21 and the back surface cover sheet 22, and it can carry sanitarily.

Although the peripheral edge part of the surface cover sheet 21 which serves as a peripheral part of each sanitary napkin 1 among the surface cover sheet 21 and the back surface cover sheet 22, and the back surface cover sheet 22 was sealed with specified width in the above-mentioned embodiment, The edge section of the longitudinal direction of the surface cover sheet 21 piled up at least among not the thing restricted to this but the surface cover sheet 21 and the back surface cover sheet 22 and the back surface cover sheet 22 should just be sealed. Namely, by piling up mutually the edge section of the longitudinal direction X of the surface cover sheet 21 and the back surface cover sheet 22, and, for example, sealing it, as shown in Fig.4 (a), As it may be the packaging structure 200 of the sanitary napkin in which the sanitary napkin 1 was packed by the packaging member 202 and shown in Fig.4 (b), for example. When all the peripheral parts of each sanitary napkin 1 are sealed by the surface cover sheet 21 and the back surface cover sheet 22, it may be the packaging structure 300 of the sanitary napkin in which the sanitary napkin 1 concerned was packed by the packaging member 302.

As shown in Fig.5, continuously, two or more back surface cover sheets 22 are connected in strip-like fashion, and are formed, and the packaging structure 400 of the sanitary napkin of this modification 1 arranges intermittently two or more surface cover sheets 421 so that it may correspond to each of the sanitary napkin 1.

Namely, the packaging structure 400 of a sanitary napkin, For example, as shown in Fig.5 (a), the length of the longitudinal direction X of the surface cover sheet 421 is formed so that it may become longer than the length of the longitudinal direction A of the sanitary napkin 1 slightly shorter than the length of the longitudinal direction X of the back surface cover sheet 22. And it is in the state where the sanitary napkin 1 was packed by the packaging member 402, by piling up mutually the edge section of the longitudinal direction X of the surface cover sheet 421 and the back surface cover sheet 22, and sealing it.

Therefore, according to the modification 1, like the above-mentioned embodiment, entering of the garbage from the edge section of the longitudinal direction X of the surface cover sheet 421 and the back surface cover sheet 22, dust, etc. can be prevented, and the sanitary napkin 1 can be stored and packed sanitarily and compactly.

As shown in Fig.5 (b), in the above-mentioned modification the packaging structure 500 of a sanitary napkin, It may be the structure where the sanitary napkin 1 was packed by the packaging member 502, by sealing the portion which is laid on top of the edge section of the cross direction W of the surface cover sheet 421, and the aforementioned edge section of the back surface cover sheet 22, and opposes.

Although the crosswise equal surface cover sheet 21 (421) and the back surface cover sheet 22 of length were illustrated in the above-mentioned embodiment and the modification 1, Not the thing restricted to this but the surface cover sheet 21 and the back surface cover sheet 22, The sanitary napkin 1 may be put between the surface cover sheet 21 concerned and the back surface cover sheet 22, and the edge section of the longitudinal direction of the surface cover sheet 21 and the back surface cover sheet 22 may be piled up mutually at least, and as long as sealing is possible, it may be what kind of form.

Although illustrated in the above-mentioned embodiment and the modification 1 about the sanitary napkin 1 which is not provided with a wing-like flap (refer to

Fig.8; after-mentioned) or the flap (not shown) for a hips hold, If it is in a sanitary napkin provided with the above-mentioned wing-like flap or the flap for a hips hold, Where a wing-like flap and the flap for a hips hold are turned up, it may be packed by the packaging member 2 (202, 302, 402, 502), and it may be packed in the state where neither the wing-like flap nor the flap for a hips hold is turned up.

A second embodiment

With reference to Fig.6, it describes about the packaging structure of the sanitary napkin of the second embodiment which applied the present invention to below.

Fig.6 (a) is a plan view showing the packaging structure 600 of the sanitary napkin of a second embodiment here, and Fig.6 (b) is an expanded sectional view of the essential part in the b-b line of Fig.6 (a).

As shown in Fig.6, the packaging structure 600 of a sanitary napkin is provided with the following.

The back surface cover sheet 622 continuously formed by being connected in strip-like fashion as the packaging member 602.

For example, the surface cover sheet 621 which was in the sanitary napkin 1, abbreviation, etc. by carrying out, and was formed in form.

Specifically, as shown in Fig.6 (b), the back surface of the sanitary napkin 1 is adhering to the surface of the back surface cover sheet 622 by the adhesion part 14, for example. In the back surface of the edge section (edge section by the side of the cross direction (W) of the back surface cover sheet 622) of the longitudinal direction X of the surface cover sheet 621, The adhesion parts 15 and 15 which have specified width along the edge section concerned are provided, and by these adhesion parts 15, The sheet end components 11a and 11a which were arranged at the edge section of the longitudinal direction X of each piled-up surface cover sheet 621 and the edge section (edge section by the side of the cross direction of the surface cover sheet 621) of the longitudinal direction A of each sanitary napkin 1 are sticking (sealing).

Although a graphic display is omitted, packaging structure 600 of the sanitary napkin is made possible [winding to rolled form] for the packaging member 602 and the sanitary napkin 1 like the packaging structure 100 of the sanitary napkin of a first embodiment of the above.

As mentioned above, according to the packaging structure 600 of the sanitary napkin of a second embodiment, entering of the garbage from the edge section of the longitudinal direction of the surface cover sheet 621, dust, etc. can be prevented, and the sanitary napkin 1 can be stored and packed sanarily and compactly.

Although the packaging structure 600 of the sanitary napkin in which the edge section of the longitudinal direction X of each surface cover sheet 621 and the edge section of the longitudinal direction A of each sanitary napkin 1 were sealed was illustrated in a second embodiment of the above, it is not restricted to this. For example, as shown in Fig.7 (a), by the surface cover sheet 721, In addition to the edge section of the longitudinal direction A of the sanitary napkin 1, it may be the packaging structure 700 of the sanitary napkin in which the sanitary napkin 1 was packed by the packaging member 702 by sealing the edge section of the cross direction of the sanitary napkin 1 concerned. That is, the outer periphery part of the surface cover sheet 721 and the outer periphery part of the sanitary napkin 1 are piled up and sealed. In this case, the adhesion part 16 which has specified

width along the outer periphery part concerned at the back surface of the outer periphery part of the surface cover sheet 721 is provided. Thus, the edge section of the cross direction of the surface cover sheet 721 and the edge section of the cross direction of the sanitary napkin 1, Since it piles up and seals, entering of the garbage from the edge section of the cross direction of the surface cover sheet 721, dust, etc. can also be prevented, and the sanitary napkin 1 can be kept sanitary. For example, as shown in Fig.7 (b), when the entire back of the surface cover sheet 721 adheres to the entire surface of the sanitary napkin 1, it may be the packaging structure 800 of the sanitary napkin in which the sanitary napkin 1 was packed by the packaging member 802. In this case, the adhesion part 17 is provided by the entire back of the surface cover sheet 721.

As the packaging structure 900 of the sanitary napkin of this modification 2 is shown in Fig.8, when fixing the sanitary napkin 901 to underwear (not shown), it packs the sanitary napkin 901 provided with the wing-like flaps 18 and 18 attached firmly to the underwear concerned by the packaging member 902.

Fig.8 (a) is the sanitary napkin 901 which constitutes the packaging structure 900 of a sanitary napkin a shown plan view here, and Fig.8 (b), It is a plan view showing the sanitary napkin 901 in the state where the wing-like flap 18 was turned up, and Fig.8 (c) is a plan view showing the packaging structure 900 of the sanitary napkin of the modification 2.

As the wing-like flap 18 is shown in Fig.8 (a), as the lamination layer sheet portion which the backsheet 12 and the sheet end component 11a are adhered, and becomes projects to the side, it is formed in it from the center of an edge of the longitudinal direction A of the sanitary napkin 901 concerned. To the outer surface side (back surface side of the wing-like flap 18 in Fig.8) of each wing-like flap 18, When the adhesion part 19 (refer to Fig.8 (b)) is provided and it equips with the sanitary napkin 901, by turning up to a human body and an opposite side, the wing-like flap 18 can be twisted around the Crotch portion of underwear, and can be attached firmly, for example.

Next, it describes about the packaging procedure by the packaging member of the sanitary napkin 901 constituted as mentioned above.

First, as shown in Fig.8 (b), the two wing-like flaps 18 and 18 of the sanitary napkin 901 are turned up to the top sheet 11 side. Thereby, the sanitary napkin 901 can be made into the sanitary napkin (for example, sanitary napkin 1 ([Refer to / etc / Fig.1])) and substantially the same form which are not provided with the wing-like flap 18 in plane view.

Next, the sanitary napkin 901 in which the wing-like flap 18 was turned up is made to adhere to the surface of the back surface cover sheet 622 by the adhesion part 19 arranged by the back surface.

Continuously, the surface of the sanitary napkin 901 is covered with the surface cover sheet 921. Specifically, the outer periphery part of the piled-up surface cover sheet 921 and the outer periphery part of the sanitary napkin 901 are sealed by the adhesion part 20 arranged along the outer periphery part of the surface cover sheet 921. It is equipped in the conventional sanitary napkin in which the wing-like flap 18 was provided by this, The both sides of the adhesion part 19 of the surface of the sanitary napkin 901 and the wing-like flap 18 can be covered with the surface cover sheet 921, without needing coating members, such as a film for

covering the adhesion part 19 provided at the outer surface side of the aforementioned wing-like flap 18.

Therefore, the sanitary napkin 901 provided with the wing-like flap 18 can be packed in the part of the aforementioned coating member, and a compact.

An order of covering by the adhesion of the sanitary napkin 901 to the back surface cover sheet 622 and the surface cover sheet 921 of the sanitary napkin 901 may have an arbitrarily [suitably] opposite order of the above [change / it / for example,].

Although it had composition which covers with the surface cover sheet 921 the adhesion part 19 arranged by the wing-like flap 18 in the above-mentioned modification 2, Of course, it may be made to provide the coating member for covering not the thing restricted to this but the aforementioned adhesion part 19 separately from the aforementioned surface cover sheet 921.

Of course, it is good also as composition which is in a state with the open wing-like flap 18 concerned, and packs the sanitary napkin 901 by the packaging member 902 without turning up the wing-like flap 18.

In the case of the sanitary napkin 1 more widely provided with the flap for a hips hold of a wrap sake, the hip of the user of the sanitary napkin 1 (901), As well as the above-mentioned modification 2 where the flap for a hips hold is turned up to the human body side, or a human body and an opposite side, it may be packed by the packaging member, and without turning up the flap for a hips hold, after the aforementioned flap for a hips hold has opened, of course, it may be packed.

If the fold method of the flap for a hips hold and the wing-like flap 18 is the well-known method, it can apply any methods.

Although the surface cover sheet 921 is in the sanitary napkin 901, abbreviation, etc. which turned up the sanitary napkin 1 and the wing-like flap 18 by carrying out and it was made to make it into form in a second embodiment of the above, and the modification 2, what is restricted to this -- not but, the edge section by the side of the cross direction W of the back surface cover sheet 622 of the surface cover sheet 921 and the edge section by the side of the cross direction of the surface cover sheet 921 of the sanitary napkin 901 may be piled up at least, and as long as sealing is possible, it may be what kind of form.

Although it had composition which is sealed by piling up the surface cover sheet 621 (721, 821, 921) and the sanitary napkin 1 (901) via the adhesion part 15 (16, 17, 20) in a second embodiment of the above, and the modification 2, What kind of method may the sealing method of not the thing restricted to this but the surface cover sheet 621 and the sanitary napkin 1 be?

Without being limited to the above-mentioned embodiment, in the range which does not deviate from the meaning of the present invention, various improvement is performed and the present invention may make a change of a design.

For example, although the surface cover sheet 21 (421, 621, 721, 821, 921) and the back surface cover sheet 22 (622) were constituted from material which has water solubility, When aiming not at the thing restricted to this but at passing and canceling to a flush toilet etc., for example, it may constitute from material which has water solubility.

In the above-mentioned embodiment, although the sanitary napkin 1, the surface cover sheet 21, and the back surface cover sheet 22 were wound centering on the roll core 3, it can be changed arbitrarily suitably whether the roll core 3 is used.

What kind of method may the rolling method of the sanitary napkin 1, the surface cover sheet 21, and the back surface cover sheet 22 be?

In the above-mentioned embodiment, although the example of the sanitary napkin 1 (901) was shown as an absorbent article, of course, they may be other absorbent articles like an incontinence article, for example.

In addition, if it is within the limits which attains the object of this invention, of course, it can change suitably also about a specific constructional detail.

Claims

[Claim 1]

Two or more absorbent articles provided with an absorber which is arranged between a top sheet which is arranged at the surface side, a backsheet which is arranged at the back surface side, and the aforementioned top sheet and the aforementioned backsheet are the packaging structures of an absorbent article which was packed by packaging member and wound around rolled form, The aforementioned packaging member is provided with a surface cover sheet for covering the aforementioned absorbent article from the aforementioned top sheet side, and a back surface cover sheet for covering the aforementioned absorbent article from the aforementioned backsheet side, and is constituted, Among the aforementioned surface cover sheet and the aforementioned back surface cover sheet, continuously, a cover sheet of at least 1 side is connected in strip-like fashion, and is formed, Packaging structure of an absorbent article characterized by putting the aforementioned absorbent article between the aforementioned surface cover sheet and the aforementioned back surface cover sheet, and piling up mutually an edge section of a longitudinal direction of the aforementioned surface cover sheet and the aforementioned back surface cover sheet at least, and coming to seal.

[Claim 2]

In packaging structure of the absorbent article according to claim 1, Packaging structure of an absorbent article, wherein a break for the aforementioned packaging member to separate the aforementioned absorbent article individually between the two aforementioned absorbent articles which are adjacent to is provided.

[Claim 3]

In packaging structure of the absorbent article according to claim 2, Packaging structure of an absorbent article characterized by piling up portion of each other which becomes the aforementioned break order of the aforementioned surface cover sheet and the aforementioned back surface cover sheet, and coming to seal it along with the aforementioned break.

[Claim 4]

Two or more absorbent articles provided with an absorber which is arranged between a top sheet which is arranged at the surface side, a backsheet which is arranged at the back surface side, and the aforementioned top sheet and the aforementioned backsheet are the packaging structures of an absorbent article

which was packed by packaging member and wound around rolled form, the aforementioned packaging member is provided with a surface cover sheet for covering the aforementioned absorbent article from the aforementioned top sheet side, and a back surface cover sheet for covering the aforementioned absorbent article from the aforementioned backsheet side, and is constituted, continuously, the aforementioned back surface cover sheet is connected in strip-like fashion, and is formed, a back surface of the aforementioned absorbent article adheres to the aforementioned back surface cover sheet, and at least an edge section by the side of the cross direction of the aforementioned back surface cover sheet of the aforementioned surface cover sheet, packaging structure of an absorbent article characterized by piling up an edge section by the side of the cross direction of the aforementioned surface cover sheet of the aforementioned absorbent article, and coming to seal.

[Claim 5]

In packaging structure of the absorbent article according to claim 4, Packaging structure of an absorbent article, wherein a break for the aforementioned back surface cover sheet to separate the aforementioned absorbent article individually between the two aforementioned absorbent articles which are adjacent to is provided.

[Claim 6]

In packaging structure of the absorbent article according to claim 4 or 5, Packaging structure of an absorbent article characterized by piling up and coming to seal an edge section of the cross direction of the aforementioned surface cover sheet, and an edge section of the cross direction of the aforementioned absorbent article.

[Claim 7]

In packaging structure of the absorbent article according to any one of claims 1 to 6, The aforementioned absorbent article is arranged so that the longitudinal direction may become substantially parallel with a longitudinal direction of the aforementioned packaging member, Packaging structure of an absorbent article, wherein the aforementioned absorbent article and the aforementioned packaging member are wound so that the aforementioned top sheet may serve as the inside.

[Claim 8]

In packaging structure of the absorbent article according to any one of claims 1 to 7, Packaging structure of an absorbent article, wherein the aforementioned surface cover sheet and the aforementioned back surface cover sheet comprise material which has water solubility.

[Claim 9]

In packaging structure of the absorbent article according to any one of claims 1 to 8, Packaging structure of an absorbent article, wherein thickness of the aforementioned absorbent article is 8 mm or less.

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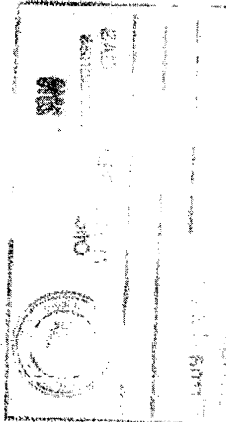
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			\$325.000.00
=====			

SON: **TRESCIENTOS VEINTICINCO MIL PESOS MONEDA CORRIENTE**

Responsable: 

Recibo de Caja Aplicado al Expediente No. _____

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

No. 12-131214- -00004-0000
Fecha: 2013-02-27 16:14:54 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 400 OPOSIOBSERVTER Folios: 28