

(19)



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(11)

EP 1 269 880 B1

(12)

EUROPEAN PATENT SPECIFICATION

(45) Date of publication and mention
of the grant of the patent:
07.04.2004 Bulletin 2004/15

(51) Int Cl.7: **A45C 13/00**, A45D 33/00

(21) Application number: **02022185.9**

(22) Date of filing: **22.11.1999**

(54) **Packaging and cover for packaging for cosmetic or pharmaceutical compositions**

Verpackung und Abdeckelement zum Verpacken von kosmetischen oder pharmazeutischen
Zusammensetzungen

Emballage et couverture pour emballage de compositions cosmétiques ou pharmaceutiques

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

(30) Priority: **24.11.1998 FR 9814759**
24.11.1998 FR 9814760
24.11.1998 FR 9814761

(43) Date of publication of application:
02.01.2003 Bulletin 2003/01

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
99972504.7 / 1 143 824

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EP-A- 0 839 471 **EP-A- 0 861 613**
WO-A-98/36985 **US-A- 3 117 691**

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Description**BACKGROUND OF THE INVENTION**

[0001] The present invention relates to a sealed packaging for cosmetic and/or pharmaceutical compositions.

[0002] Packagings for cosmetic compositions are typically provided with a rigid cover which prevents variation of the internal volume of the packaging. In the case of sealed packaging, a variation of the internal pressure, for example, an increase of the internal pressure induced by closing of the cover, or a variation of the external pressure, induces a difference of pressure between the interior and the exterior of the packaging.

[0003] This pressure variation has numerous disadvantages. On one hand, hermetic sealing of the packaging can be compromised leading to a risk of leakage of the cosmetic composition due to excessive internal pressure, or of contamination of the cosmetic composition due to internal low pressure. Furthermore, low pressure created by movement of the wall of the cover during opening of the packaging risks detaching the cosmetic composition and carrying it outside of its housing. Moreover, compression of the air tends to work against closing of the packaging, while external pressure not balanced by an equivalent internal pressure tends to work against opening of the packaging. This pressure variation occurs for containers with a sealed compartment.

[0004] Cosmetic compositions based on wax and emulsions of fatty material can advantageously be refilled within a container, particularly in the case of foundations, lipsticks, rouges or creams, by-products based on solvents, such as water, volatile silicones, alcohols or mixtures of them. These types of products require for their storage a packaging with a sealed compartment:

[0005] The sealed packagings for cosmetic compositions of known type have an elastomer seal with compression having an axial component. These packagings have numerous disadvantages. The sealed quality is only ensured if the elastomer seal is compressed with a relatively high force, making the closing of the packaging difficult or not very reliable. Furthermore, the packaging has a high price, due not only to the use of an expensive seal, but also due to difficulties of automation of the positioning of a non-rigid part, such as an elastomer seal.

[0006] One other problem with sealed cosmetic packaging concerns refills. Production of a packaging of a cosmetic composition by placing a refill inside a housing is known. The positioning and holding of the refill is not always easy. Moreover, the volume of the container receiving the refill increases the space requirement of the packaging. Furthermore, it is not always easy to ensure the temporary hermetic sealing of a sealed compartment of a refillable packaging for a cosmetic and/or pharmaceutical composition produced based on a volatile solvent.

[0007] A packaging according to the preamble of

claim 1 is known from WO-A-9836985.

SUMMARY OF THE INVENTION

[0008] The present invention includes a sealed packaging for cosmetic or pharmaceutical compositions. The sealed packaging includes a sealed compartment defined by a container and a fitted cover characterized by radial walls that are arranged a distance d apart from one another. One of the walls is provided with an annular rib having a radial extent in a direction of the other wall which is greater than d , in such a way as to exert on the opposite wall a radial force ensuring temporary hermetic sealing of the sealed compartment of the packaging.

DESCRIPTION OF THE DRAWINGS**[0009]**

Figure 1 is a cross-sectional view of one embodiment of a packaging according to the present invention.

Figure 2 is a cross-sectional view of another example of execution of a packaging according to the present invention.

Figure 3 is a cross-sectional view of another example of packaging of the present invention.

Figure 4 is a cross-sectional view of one other example of packaging of the present invention.

Figure 5 is a cross-sectional view of another embodiment of packaging of the present invention.

Figure 6 is a cross-sectional view of another embodiment of packaging of the present invention.

Figure 7 is a cross-sectional view of one other embodiment of packaging of the present invention.

Figure 8 is a cross-sectional view of another embodiment of packaging of the present invention.

Figure 9 is a cross-sectional view of another embodiment of packaging of the present invention.

Figure 10 is a side view of packaging of Figure 9 in an open state.

Figure 11 is a cross-sectional view of a cup of the packaging of Figure 9.

Figure 12 is a top view of the cup of Figure 11.

Figure 13 is a view on a larger scale of the packaging of Figure 9.

DETAILED DESCRIPTION

[0010] One embodiment includes a packaging with a sealed compartment with substantially no leakage of a cosmetic and/or a pharmaceutical composition due to excessive internal pressure, or of contamination due to excessive internal pressure. Furthermore, with the packaging disclosed, there is no risk of flow of the composition during opening, closing or operation of refilling of the packaging. The packaging is easy to open and close. The packaging has a sealed compartment closed

by a cover which is provided with a wall which can be deformed, preferably elastically, by a difference between the internal pressure predominating in the sealed compartment and the external pressure.

[0011] The packaging disclosed include packaging which allows for automated assembly and automatic filling, particularly at high temperatures, greater than 50 degrees Centigrade, typically between 75 and 100 degrees Centigrade. Incomplete or incorrect closing of the packaging is virtually impossible. The packaging is therefore reusable.

[0012] One packaging includes a cover for a packaging for a cosmetic and/or pharmaceutical composition such as foundation, cream, rouge or lipstick, which has a mechanism for attachment onto a container of the packaging and a wall for sealing an opening of the container, and a flexible sealing wall which is deformed elastically by a difference in pressure exerted on its two main sides. The cover displays an elastic deformation caused by a difference between the internal pressure predominating in the container and the external pressure that at least partially balances this pressure difference.

[0013] The embodiment of the present invention includes a packaging wherein the cover has a wall extending at least locally facing a wall of the container and wherein the side of the wall of the cover facing the wall of the container is provided with a radial rib whose radial extent is greater than the distance between the two walls facing one another so as to ensure, by radial contact, temporary hermetic sealing of the sealed compartment of the packaging.

[0014] One sealing wall embodiment comprises a wavy wall that includes concentric patterns in wave form increasing the flexibility of the wall in a direction normal to the opening to be sealed.

[0015] One other packaging embodiment comprises a box with a small thickness when it is provided with a middle platform, delimiting an upper ventilated compartment and a sealed compartment for receiving a cosmetic and/or pharmaceutical composition, and wherein the platform forms a cover for the latter compartment.

[0016] Another packaging embodiment includes a mechanism for receiving a removable container forming a refill of cosmetic and /or pharmaceutical composition. The packaging has a receiving opening and some mechanism of locking in position, particularly by clipping, of a removable container in the form of a trough or cup, whose opening opens inside the packaging. Some packaging embodiments further include a ventilated compartment, some mechanism of application of the cosmetic and/or pharmaceutical composition of a sponge or Japanese foam type.

[0017] One other packaging embodiment for cosmetic compositions includes a sealed compartment defined by a container and a cover which are associated, having radial walls arranged at least locally a distance d apart from one another. One of these walls is provided with an annular rib having a radial extent in the direction of

the other wall which is greater than d , which is capable of exerting on the opposite wall a radial force ensuring temporary hermetic sealing of the sealed compartment of the packaging. It is well understood that the distance d at rest can be zero. The diameter of the external side of the wall of the cover can be greater than the diameter of the internal side of the container. In this case, during assembly, the external side of the wall of the cover and the rib separate the walls from one another. This packaging is capable of receiving refills.

[0018] For some embodiments, the cover of the packaging constitutes the cover of the sealed compartment. The sealed compartment is for cosmetic compositions based on volatile solvents and a ventilated housing for storage of a mechanism of application, such as a Japanese foam or a sponge, which are better maintained in a dry atmosphere. In this case, the packaging according to the present invention comprises an intermediate platform between the cover of the packaging and the sealed compartment. In both cases, the cover of the compartment is advantageously flexible and/or deformable so as to ensure, by the deformation of the cover of the sealed compartment with respect to the external pressure.

[0019] The platform delimits a chamber for receiving the cosmetic and/or pharmaceutical composition and a ventilated compartment for receiving the mechanism of application of the cosmetic and/or pharmaceutical composition. The platform ensures hermetic sealing of the container of the refill. The platform can be deformed so as to allow compensation for the difference in pressure between the interior and the exterior of the container of the refill.

[0020] A wall of application of the annular rib or the wall bearing the annular rib corresponds to a wall of the container of the sealed compartment filled with the cosmetic composition. The compartment is provided with a first wall delimiting a container for receiving the cosmetic composition and a second wall, radially external with respect to the first wall, bearing the annular rib or serving as support surface for this rib. Thus, the support of the rib is prevented from separating the wall of the container for receiving the cosmetic composition from this composition, which would promote its detachment.

[0021] One other embodiment includes sealed packaging having a locking mechanism that locks the packaging in a closed state in which the compartment is hermetically sealed. The annular rib is arranged on a radially external side of the wall of the cover arranged opposite a radially internal side of a wall of the container. In one embodiment, the container has two parallel or roughly parallel walls. The rib is applied on or by the radially external wall of the container to ensure hermetic sealing. The first wall delimits a chamber for receiving the cosmetic and/or pharmaceutical composition and the second wall for application of the mechanism of hermetic sealing of the container of the refill.

[0022] Another embodiment includes a refillable

packaging for a cosmetic and/or pharmaceutical composition, which has an external envelope, and an opening for receiving a container of a refill of the cosmetic and/or pharmaceutical composition and an opening of the container opens inside the external envelope, and by a mechanism of locking the container of the refill in position in the packaging. One mechanism for locking comprises projecting elements ensuring the locking and holding by clipping of the container of the refill in the packaging.

[0023] The container of the refill has a wall with an undercut shape delimiting a chamber for receiving the cosmetic and/or pharmaceutical composition. For some embodiments, the packaging comprises a flat box and the container of the refill is a trough or a well.

[0024] For one packaging embodiment, the opening is made in a base of the external envelope of the packaging and the external wall of the bottom of the container of the refill is in the extension of the external side of the base of the envelope of the packaging.

[0025] The process for packaging includes filling a container of a refill with a cosmetic and /or pharmaceutical composition and assembling the container of the refill containing the cosmetic and /or pharmaceutical composition with the packaging. Filling may occur while the cosmetic and/or pharmaceutical is hot. The filling may occur by pressing the cosmetic and/or pharmaceutical

[0026] In Figure 1 is a packaging which has a container 1, cover 6 and a mechanism of locking in a closed state of the packaging which are symbolized by arrows 4. Container 1 has bottom 8 and cylindrical wall 9, with an elliptical, oval, polygonal or other shaped base. Wall 9 is vertical or roughly vertical, at least in its part near opening 14 of chamber 12 for receiving the cosmetic composition of container 1. Cover 6 has wall 16 for closing opening 14, wall 15 configured to the internal side of the upper part of wall 9 of the container, and a mechanism 18 for limiting the course of travel for preventing cover 6 from being pressed inside of container 1. Wall 15 is advantageously arranged parallel to the upper part where the temporary hermetic sealing of wall 9 is established, that is to say that the distance between the radially internal side of wall 9 is established. That is, the distance between the radially internal side of wall 9 and radially external side of wall 15 is constant or roughly constant. The distance is typically between a few tenths and a few hundredths of a millimeter. The external side of wall 15 bears annular rib 23 whose thickness in the nonstressed state is greater than the average distance between the radially external side of wall 15 and the radially internal side of wall 9. For example, for a distance between the sides opposite one another of walls 9 and 15 equal to 0.1 mm, annular rib 23 has a radial projection of 0.3 mm so that radial forces, symbolized by arrows 20, exerted by rib 22 on the radially internal side of wall 9 correspond to a deformation of wall 15 of 0.2 mm on each side. Radial forces 20 ensure the sealing of sealed

compartment 14. It should be noted that forces 20 are exerted only in the radial direction. The axial components are zero or roughly zero when cover 6 is positioned on container 1. During introduction, the very weak axial forces correspond to friction of rib 23 on the internal side of wall 9. This results in the fact that, on one hand, it is possible to ensure excellent sealing of the packaging according to the present invention without having to exert extensive axial force, and, on the other hand, since the reaction to the axial forces is itself zero or roughly zero, the seal formed by walls 9, 15 and annular rib 23 does not tend to cause packaging 1 to open. In Figure 2, annular rib 23 is borne by the internal side of wall 9 opposite the external side of wall 15.

[0027] In an embodiment illustrated in Figure 2, cover 6 has wall 15 which is radially external with respect to wall 9 of container 1. Cover 6 exerts a force of constriction on wall 9 of container 1 which promotes application of this wall on its contents, in particular, on a cosmetic composition in a pasty state.

[0028] In an example illustrated in Figure 3, annular rib 23 is borne by the radially internal side of wall 15 of cover 6 and is applied on the radially external side of wall 9 of container 1.

[0029] In Figure 5, one can see an embodiment of packaging which combines features of embodiments in Figures 1 and 2 with those of Figures 3 and 4. Container 1 of Figure 5. has chamber 12 for receiving the cosmetic composition, which is delimited by walls 9', a second wall 9 radially external to and connected with wall 9' and /or with bottom 8, in such a way as to form a sealed compartment. The radially internal side of wall 9 forms a support surface for annular rib 19 of cover 6.

[0030] Radially external force exerted by rib 23 on wall 9 is only partially transmitted to wall 9', which considerably limits the risk of detachment of the cosmetic composition with respect to walls 9'. It is understood that use of a radially external wall associated with the seal of Figures 2, 3 and /or 4 is not outside the scope of the present invention.

[0031] In Figure 6 is a packaging embodiment, of the box type, which is capable of receiving, in a sealed compartment or chamber 12, a cosmetic composition of the foundation, rouge or lipstick type. The box of Figure 6 has lower part 25, upper part 27, and intermediate platform 28 provided in its center with an opening provided with sealing disk 26 which seals chamber 12. The various elements are articulated by a hinge mechanism 32 with a single pin, shown in Figure 9. Some locking mechanisms, such as a hook and pusher, which is not shown, ensure that the box is maintained in a closed state when it is not used. In order to prevent rotation of the cosmetic composition, cylindrical or oval-based wall 9 is set up on the bottom of lower part 25. The bottom of the container is made rough or to have striations to promote clinging of the cosmetic composition. Sealing disk 26, shown in Figure 6, has a wall extending roughly over the whole extent of opening 12 of sealed compartment 12,

as well as wall 15 parallel to wall 9, and provided on its radially external side with annular rib 23 which is applied, in a closed state, on the radially internal sides of wall 9.

[0032] For some embodiments, space 22 available above sealing disk 26 forms a chamber which is ventilated by openings, not shown, for storage of the mechanism for application of the cosmetic composition, for example, a sponge or a Japanese foam. Degradation of the application mechanism is prevented by humidity and the formation of mold. Chamber 22 also receives a mirror.

[0033] In Figure 7 is an improved example of a box of the present invention which has a single piece 29' forming the platform and the sealing disk. In one embodiment, single piece platform 29' is deformed by a difference in pressure on its two sides in order to provide compensation for such a pressure. Suction of the cosmetic composition by a low pressure brought about by opening of the box according to the present invention is avoided. Compression of the cosmetic composition due to closing of the box as well as sealing problems connected with variations in atmospheric pressure which varies with meteorological conditions and with the altitude such as connected with low and high pressures created in rooms such as the pressurized cabin of an aircraft. Moreover, the packaging according the present invention is easy to operate, because the internal pressure does not work against its closing, and the external pressure does not work against its opening. An example of deformable wall 29' having concentric waves is illustrated in Figure 12. Platform 29' has hinges 32, with a mechanism of locking with hooks and some mechanism of return 38, in the form of leaf springs, ensuring that the platform is flattened toward opening 14 of container 12.

[0034] Another embodiment of a box of the present invention is illustrated in Figure 8. The sealed compartment of the box of Figure 8 is provided with removable cup 40 which, on one hand, prevents the radially external force exerted by annular rib 23 of wall 15 of platform 30' from detaching the cosmetic composition from the wall of its container. On the other hand, it is easier to fill a cup with a cosmetic composition than to handle, in a filling line, a complex box for filling opening 12 downward at high temperature. Only the plastic cup provided with a temporary packaging such as a cover, a cap, or similar closure is usable to refill a box according to the present invention.

[0035] One cup embodiment has an undercut shape such that its opening 14, shown in Figure 11, has a width smaller than that of a widened part. Consequently, on one hand, cup 40' tends to retain a product if the box is overturned with opening 14 downward, and on the other hand, the narrow walls of the cup at the site of opening 14 provide optical masking of possible detachments of the cosmetic composition with respect to the walls at the bottom due to evaporation of the solvent in case of prolonged opening of the box, corresponding to a common

error of users.

[0036] The undercut shape of the receiving cup also makes it possible to mask the shrinkage of the cosmetic composition which is poured hot into the well, during its shrinkage due to a cooling phase.

[0037] In Figures 9 and 10, is shown an execution example of box 1 according to the present invention, which has lower part 25' provided with a central opening for receiving cup 40', whose attachment on the box is ensured by any known mechanism, such as by screwing over a quarter turn or by catching. The cosmetic composition 5 is illustrated by the dots in Figure 10.

[0038] Some embodiments of mechanisms for attachment of cup 40' are illustrated in Figures 11 and 12 and have wall 42, radially external to wall 9, provided with securing elements 44, for example, in the form of hooks distributed preferably regularly on the periphery of wall 42. The cup is roughly elliptical and it has four securing hooks 45 arranged at the intersection of the large and the small axis of the ellipse with the external side of wall 42.

[0039] The undercut cup is produced by blowing, or with a mold which is opened in two steps: first, the exterior of the mold is released; then a piston ensures the release of the cup with passage of narrow opening 14 through a zone of greater width of the mold by elastic deformation of the plastic material constituting the cup.

[0040] In Figure 13 is an annular rib 23 arranged on wall 15 facing wall 9 a distance d away, for example, equal to 0.1 mm. The intersection between the space occupied by rib 23 in the absence of wall 9 and the wall 9 in the absence of rib 23 having a radial extent e , for example, equal to 0.2 mm. As a variant, at rest, the diameter of opening 14 is less than the diameter of the radially external side of wall 15. In this case, cover 6 is introduced by force and rib 23 separates the opposite walls. Annular ribs may be rounded, polygonal such as triangular or trapezoidal.

Claims

1. A sealed packaging for cosmetic or pharmaceutical compositions which has sealed compartment (12) defined by container (1) and fitted cover (3), **characterized by** the container (1) and the cover (3) having radial walls that are arranged a distance (d) apart from one another; one of these walls (9, 15) being provided with annular rib (23) having a radial extent in the direction of the other wall (15, 9) which is greater than said distance (d), in such a way as to exert on the opposite wall (15, 9) a radial force ensuring temporary hermetic sealing of sealed compartment (12) of the packaging.
2. The packaging according to claim 1, further comprising means of locking (37) of the packaging in a closed state in which sealed compartment (12) is

hermetically sealed.

3. The packaging according to either of claim 1 or claim 2, further comprising an annular rib (23) arranged on a radially external side of wall (15) of cover (6) arranged opposite a radially internal side of wall (9) of container (1). 5
4. The packaging according to any one of claims 1 to 3, further comprising a container (1) having two parallel or roughly parallel walls (9, 9') and by the rib (23) that is applied on, or by the radially external wall (9) of the container (1). 10
5. The packaging according to any one of claims 1 to 4, further comprising a container (1) having a wall (9, 9') delimiting the space (12) for storage of cosmetic and/or pharmaceutical composition, which has an undercut shape. 15
6. The packaging according to any one of claims 1 to 5, further comprising a cover (6) having wall (21) deformable by a difference in pressure exerted on its two main sides so as to ensure compensation for this difference in pressure. 20
7. The packaging according to any one of claims 1 to 6, further having a shape of a box which has a lower part (25, 25') forming or receiving a container (3, 40, 40'), a separation platform (30') forming a cover for a sealed compartment and on upper part (27) forming a cover for the box. 25
8. The packaging according to claim 7, in which the platform (30') delimits a chamber for receiving means of application of the cosmetic or pharmaceutical composition, which has openings ensuring the ventilation of this chamber. 30
9. The packaging according to any one of the preceding claims **characterized in that** said packaging is a box which has a receiving opening and means of locking in position, in particular, means (42, 45) of clipping of a removable cup (33'). 35
10. The packaging according to any one of the preceding claims further containing a cosmetic or pharmaceutical composition, particularly foundations, creams, rouges, lipsticks. 40

Patentansprüche

1. Abgedichtete Verpackung für kosmetische und pharmazeutische Zusammensetzungen, welche eine durch einen Behälter (1) und eine angepasste Abdeckung (6) definierte abgedichtete Kammer (12) aufweist, **dadurch gekennzeichnet, dass** der 45

Behälter (1) und die Abdeckung (6) radiale Wände besitzen, welche um eine Entfernung (d) entfernt voneinander angeordnet sind; wobei eine dieser Wände (9, 15) mit einer ringförmigen Rippe (23) versehen ist, welche eine radiale Ausdehnung in der Richtung der anderen Wand (15, 9) aufweist, welche derart größer als die Entfernung (d) ist, dass auf die gegenüberliegende Wand (15, 9) eine radiale Kraft ausgeübt wird, welche eine vorübergehend hermetische Abdichtung der abgedichteten Kammer (12) der Verpackung sicherstellt.

2. Verpackung nach Anspruch 1, weiter Verriegelungsmittel (37) umfassend, welche die Verpackung in einen geschlossenen Zustand verriegeln, in welchem die abgedichtete Kammer (12) hermetisch abgedichtet ist.
3. Verpackung nach Anspruch 1 oder Anspruch 2, weiter eine ringförmige Rippe (23) umfassend, welche auf einer radial äußeren Seite einer Wand (15) der Abdeckung (6) angeordnet ist, welche gegenüber einer radial inneren Seite einer Wand (9) des Behälters (1) angeordnet ist.
4. Verpackung nach einem der Ansprüche 1 bis 3, weiter einen Behälter (1) mit zwei parallelen oder ungefähr parallelen Wänden (9, 9') umfassend und durch die Rippe (23), welche aufgebracht ist, oder durch die radial äußere Wand (9) des Behälters (1).
5. Verpackung nach einem der Ansprüche 1 bis 4, weiter einen Behälter (1) mit einer Wand (9, 9') umfassend, welche den Raum (12) zum Aufbewahren der kosmetischen und/oder pharmazeutischen Zusammensetzung abgrenzt, welcher eine unterschrittene Form besitzt.
6. Verpackung nach einem der Ansprüche 1 bis 5, weiter eine Abdeckung (6) mit einer Wand (21) umfassend, welche bei einem Druckunterschied verformbar ist, welcher auf ihre zwei Hauptseiten ausgeübt wird, um so einen Ausgleich für diesen Druckunterschied sicherzustellen.
7. Verpackung nach einem der Ansprüche 1 bis 6, welche ferner eine Form eines Kastens aufweist, welcher einen Behälter (3, 40, 40') ausbildenden oder aufnehmenden unteren Teil (25, 25'), eine Abdeckung für eine abgedichtete Kammer ausbildende Trennungsplattform (30') und einen Abdeckung für das Gehäuse ausbildenden oberen Teil (27) besitzt.
8. Verpackung nach Anspruch 7, bei welcher die Plattform (30') eine Kammer zum Aufnehmen von Anwendungsmitteln der kosmetischen oder pharmazeutischen Zusammensetzung abgrenzt, welche

die Lüftung dieser Kammer sicherstellende Öffnungen besitzt.

9. Verpackung nach einem der vorhergehenden Ansprüche, **dadurch gekennzeichnet, dass** die Verpackung ein Gehäuse ist, welches eine Aufnahmeöffnung und Mittel der Verriegelung in einer Position, insbesondere Mittel (42, 45), um eine entfernbare Schale (33') zu lösen, besitzt.
10. Verpackung nach einem der vorhergehenden Ansprüche, weiter eine kosmetische oder pharmazeutische Zusammensetzung, insbesondere Grundierungen, Cremes, Rouges, Lippenstifte, enthaltend.

Revendications

1. Conditionnement étanche pour compositions cosmétiques ou pharmaceutiques comportant un compartiment étanche (12) défini par un récipient (1) et un couvercle adapté (3) **caractérisé en ce que** le récipient (1) et le couvercle (3) ayant des parois radiales disposées en vis-à-vis à une distance (d) l'une de l'autre ; une de ces parois (9, 15) étant munie d'une nervure annulaire (23) ayant une extension radiale en direction de l'autre paroi (15, 9) supérieure à ladite distance (d) de manière à exercer sur la paroi en vis-à-vis (15, 9) une force radiale assurant un scellement hermétique provisoire du compartiment étanche (12) du conditionnement.
2. Conditionnement selon la revendication 1, **caractérisé en ce qu'il** comporte en outre des moyens de verrouillage (5, 32) du conditionnement dans une condition fermée dans laquelle le compartiment étanche (12) est scellé hermétiquement.
3. Conditionnement selon l'une quelconque des revendications précédentes, **caractérisé en ce que** la nervure annulaire (19) est disposée sur une face radialement externe de la paroi (15) du couvercle (3) disposé en vis-à-vis d'une face radialement interne d'une paroi (9) du récipient (1).
4. Conditionnement selon l'une quelconque des revendications précédentes, **caractérisé en ce que** le récipient (1) comporte deux parois parallèles (9, 9') ou sensiblement parallèles et **en ce que** la nervure (19) est appliquée sur, ou par, la paroi radialement externe (9) du récipient (1).
5. Conditionnement selon l'une quelconque des revendications précédentes, **caractérisé en ce** le récipient (1) a une paroi (9, 9') délimitant l'espace de stockage (12) de la composition cosmétique et/ou pharmaceutique ayant une forme en contre dé-pouille.
6. Conditionnement selon l'une quelconque des revendications précédentes, **caractérisé en ce que** le couvercle (3) comporte une paroi déformable (29, 29') par la différence de pression exercée sur ses deux faces principales de manière à assurer la compensation de cette différence de pression.
7. Conditionnement selon l'une quelconque des revendications précédentes, **caractérisé en ce que** le conditionnement a la forme d'un boîtier comprenant une partie inférieure (25, 25') formant ou recevant un récipient (3, 40, 40'), une plate-forme de séparation (30') formant couvercle du compartiment étanche et une partie supérieure (27) formant couvercle du boîtier.
8. Conditionnement selon la revendication 7, **caractérisé en ce que** la plate-forme (30') délimite une chambre de réception des moyens d'application de la composition cosmétique ou pharmaceutique comportant des ouvertures assurant la ventilation de cette chambre.
9. Conditionnement selon l'une quelconque des précédentes, **caractérisé en ce que** ledit conditionnement est un boîtier comportant une ouverture de réception et des moyens de verrouillage en place, notamment des moyens (42, 45) de clipage d'un godet (33') amovible.
10. Conditionnement selon l'une quelconque des revendications précédentes, **caractérisé en ce qu'il** contient une composition cosmétique ou pharmaceutique, notamment fonds de teint, crèmes, fards, rouges à lèvres.

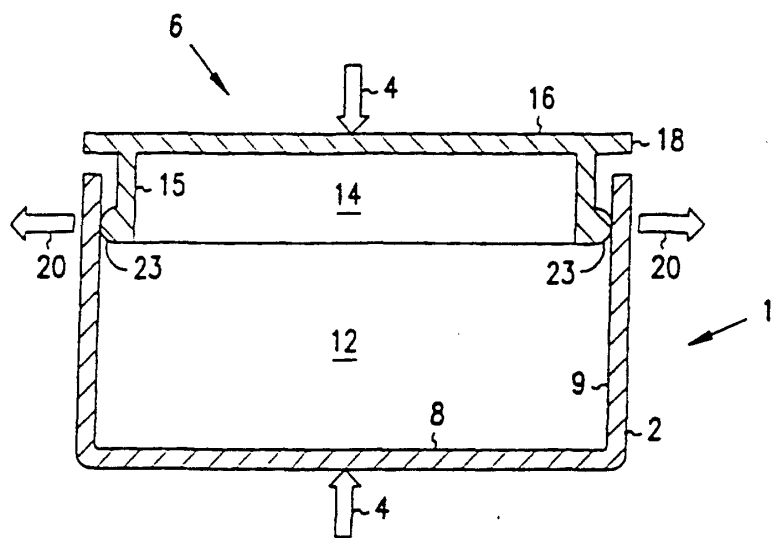


FIG. 1

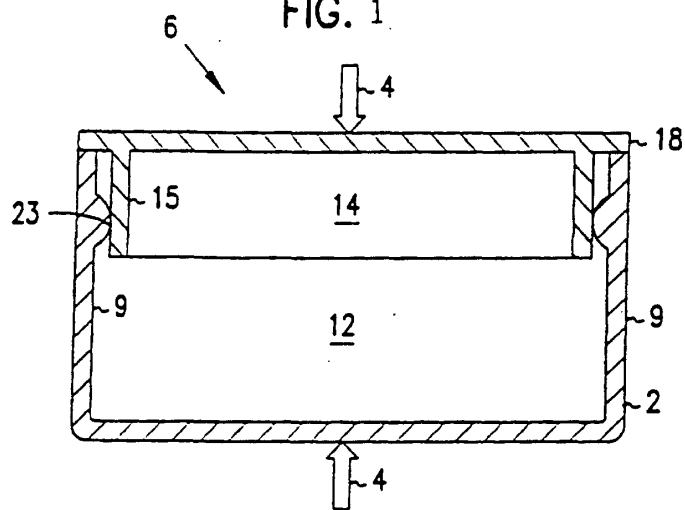


FIG. 2

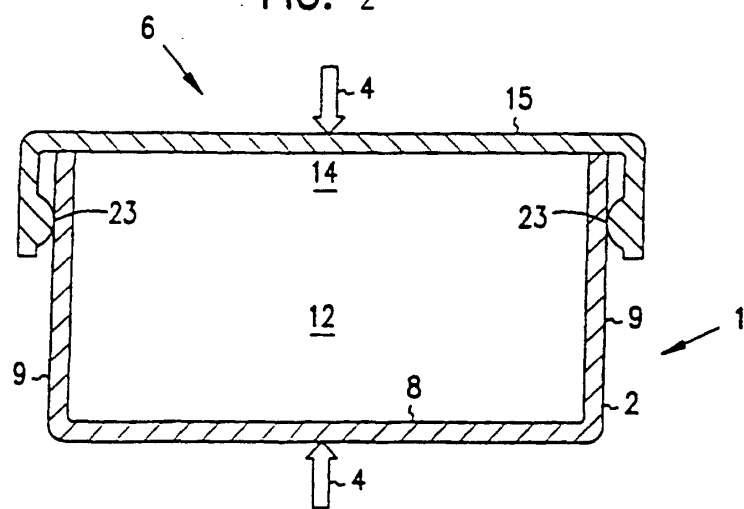


FIG. 3

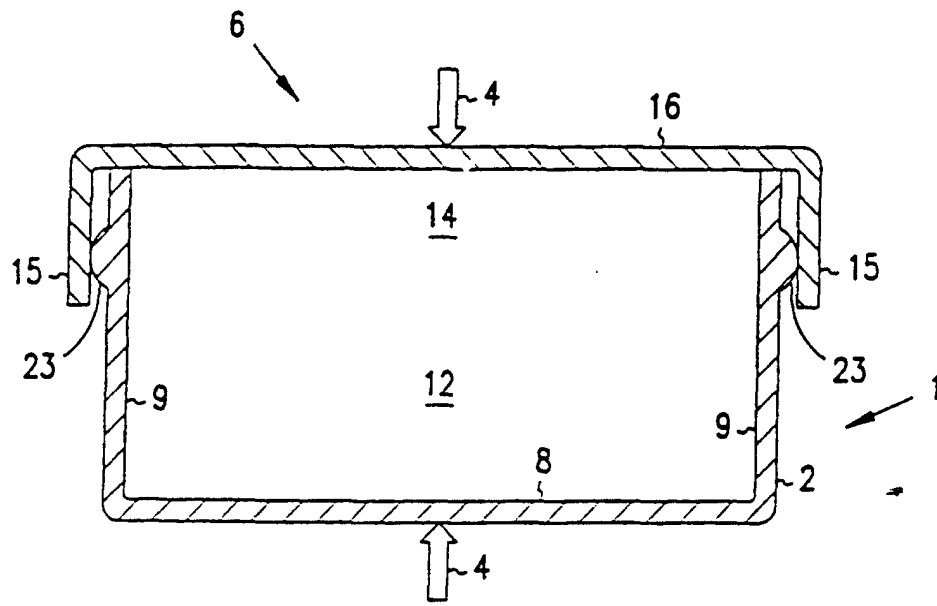


FIG. 4

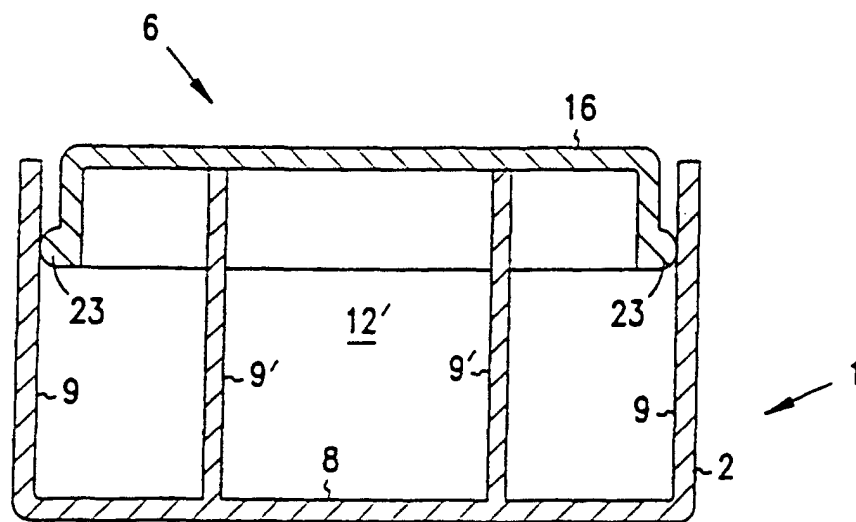


FIG. 5

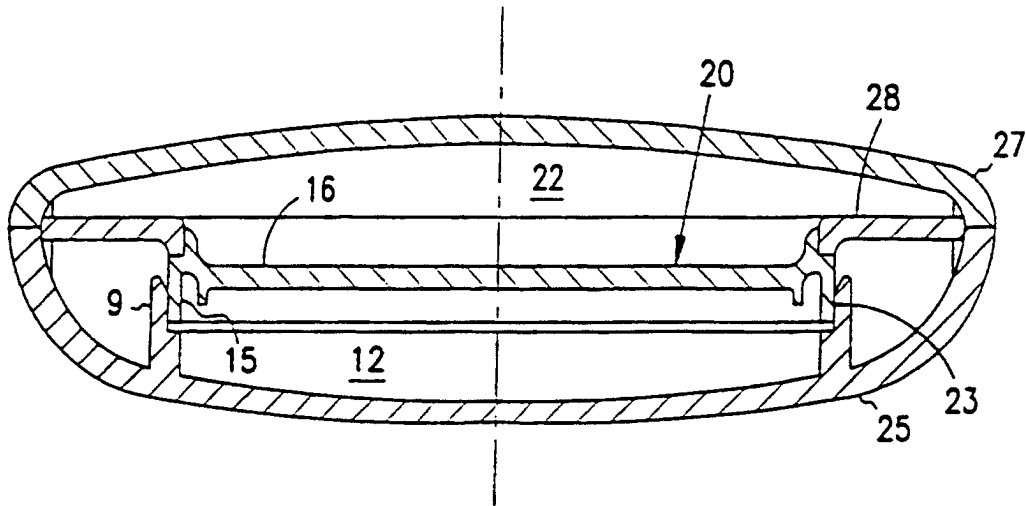


FIG. 6

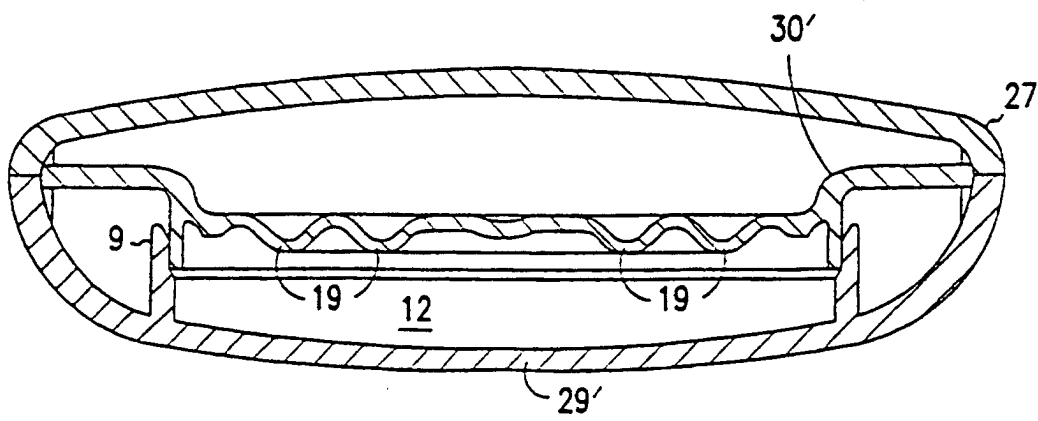


FIG. 7

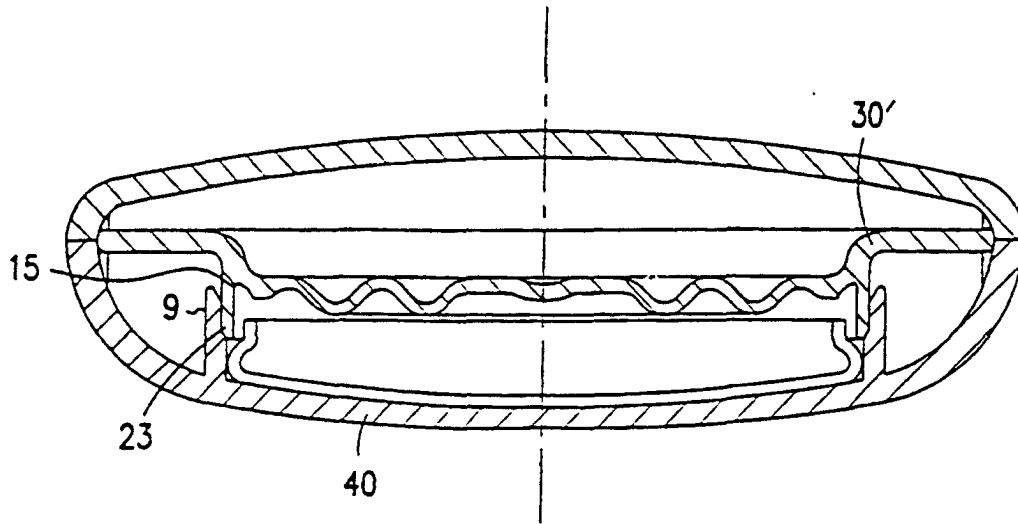


FIG. 8

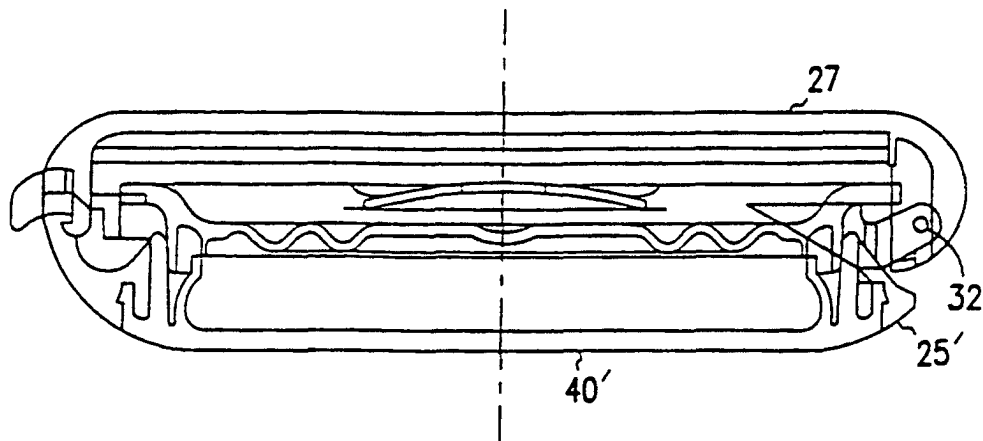


FIG. 9

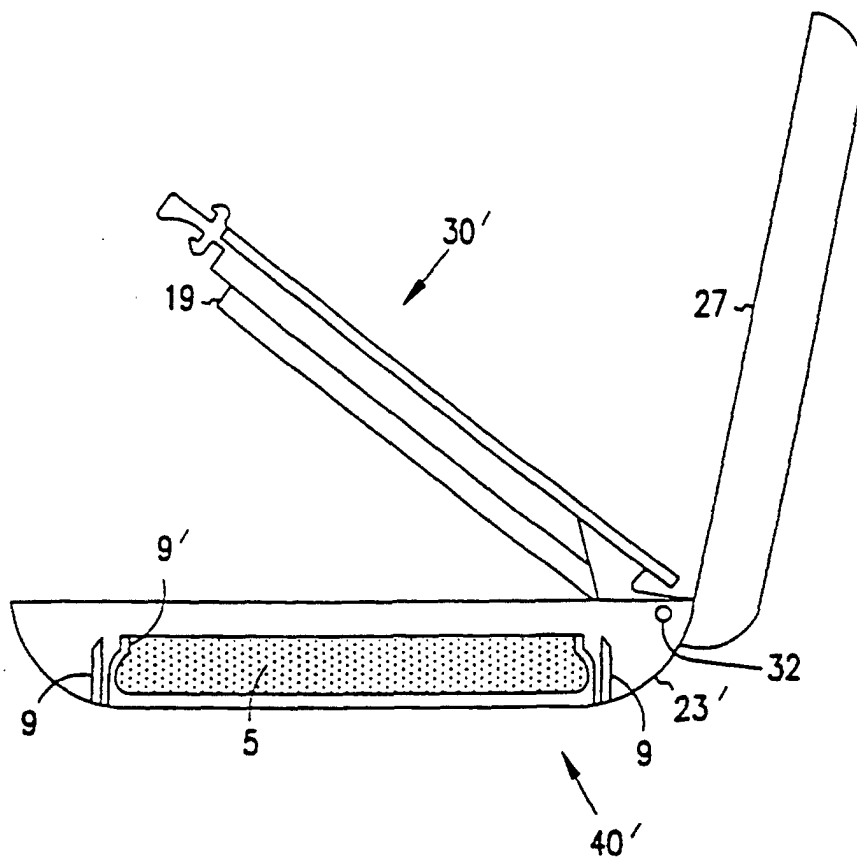


FIG. 10

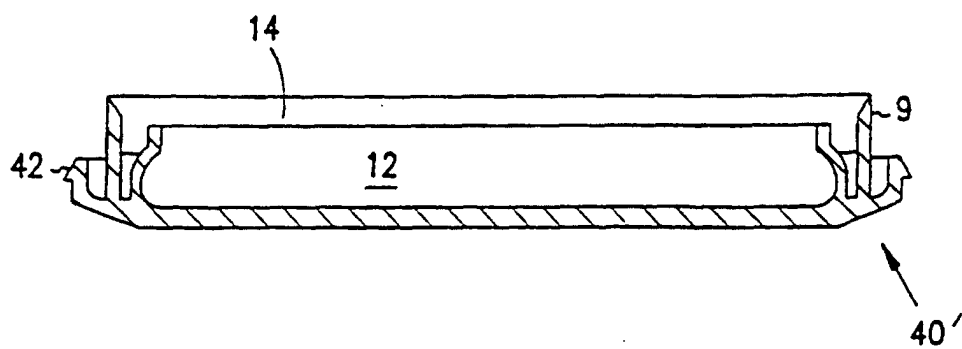


FIG. 11

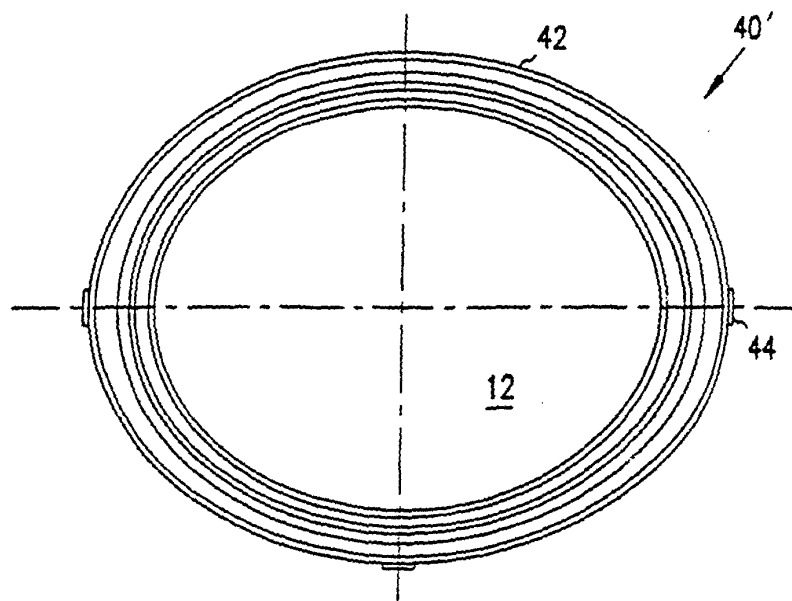


FIG. 12

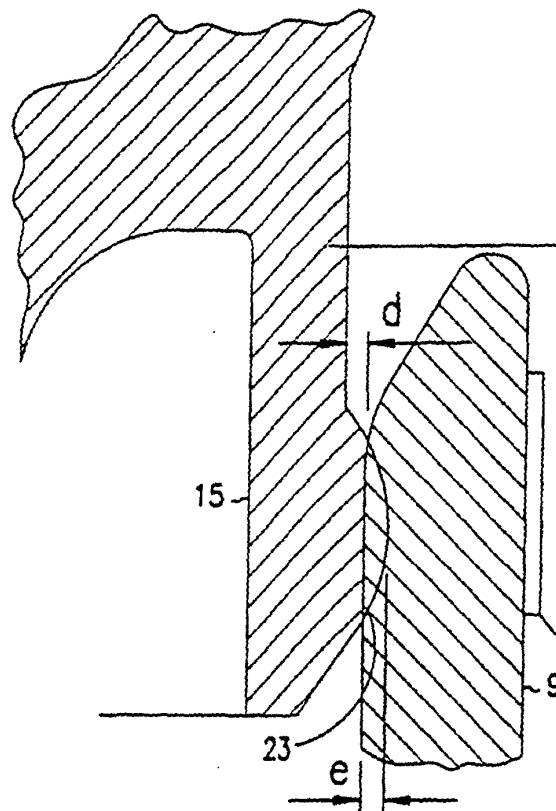


FIG. 13