



Organización CSA Ltda

Industria y Comercio

SUPERINTENDENCIA

Delegatura de propiedad Industrial

División de Nuevas Creaciones

PCT

SOLICITUD

PATENTE DE INVENCION

08-9979

21. EXPEDIENTE No.



54. TÍTULO

MONTAJE DE TAPA PARA CONTENEDOR.

51. CLASIFICACIÓN INTERNACIONAL

B65D 41/34

71. SOLICITANTE

OBRIST CLOSURES SWITZERLAND GMBH

DOMICILIO

REINACH, SUIZA

74. APODERADO

DILIA MARIA RODRIGUEZ D'ALEMAN

22. BOGOTÁ, D. C.,

**FORMULARIO ÚNICO DE SOLICITUD DE PATENTE
PCT
ENTRADA EN FASE NACIONAL**

12 Marzo 2008.

SOLICITUD DE REGISTRO DE:

- 1 ☒ **Patente de Invención** ☐ **Patente Modelo de Utilidad.**
☒ **Capítulo I** ☐ **Capítulo II**

2
**SOLICITANTE
(71)**

Nombre: OBRIST CLOSURES SWITZERLAND
GMBH

Dirección: Römerstrasse 83, CH-4153 Reinach,
Suiza

Nacionalidad o domicilio: Reinach, Suiza

Lugar de Constitución: Suiza.

IDENTIFICACIÓN

C.C. ☒ NIT ☐

C.E. ☐ Otro ☐

Cual

Número

3
**REPRESENTANTE
O APODERADO
(74)**

Nombre: DILIA MARÍA RODRÍGUEZ
D'ALEMAN

Dirección: Carrera 11 No. 86-53, piso 6

Teléfono: 6 181088 **Fax:** 6350824

E-mail: clarkemodet@clarkemodet.com.co

IDENTIFICACIÓN

C.C. ☒ NIT ☐

C.E. ☐ Otro ☐

Cual

Número 41.654.882
TP 20824 CSJ

4
**INVENTOR(ES)
(72)**

Nombre: RAMSEY, Christopher, Paul y
BODNAR, Katie

Dirección: Braeside, Wantage, OX12 8DP, Gran Bretaña y
14 West Quay, Abingdon, OX14 5TL, Gran Bretaña.

Nacionalidad o domicilio: Wantage, Gran Bretaña y
Abingdon, Gran Bretaña.

5 **PCT (86)**

Solicitud Internacional No. PCT/EP2006/064724 **Fecha** 27 de julio de 2006

Publicación Internacional No. WO 2007/020169 A1 **Fecha** 22 de febrero de 2007

6 **Título (54)** MONTAJE DE TAPA PARA CONTENEDOR.

7 **Clasificación Internacional (51)** B65D 41/34

8 **Prioridad**

SI ☒ NO ☐

(33) País de Origen

OFICINA DE PATENTES
EUROPEA

(32) Fecha

12 de agosto de 2005

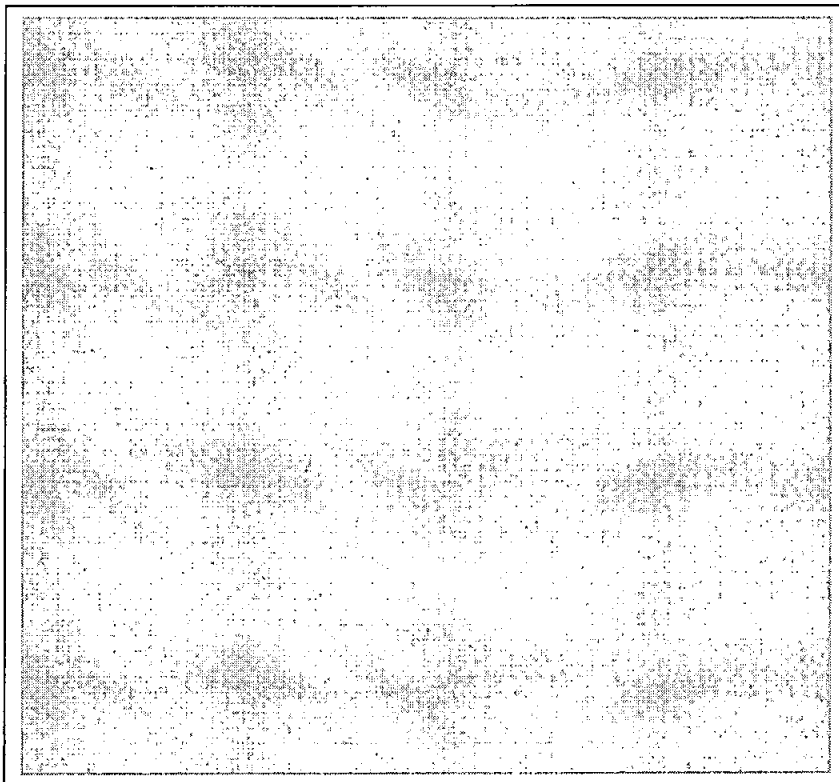
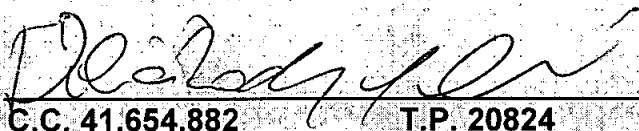
(31) Número de Solicitud

05255021.7

Comprobante de pago No. 08 - 5,814

Fecha 22 de enero de 2008

- ☒ Comprobante de pago de la tasa de presentación de la solicitud
- ☒ Documento que acredita la existencia y representación legal cuando el solicitante sea persona jurídica
- ☒ Poderes si fuese el caso
- ☐ Documento de cesión del inventor al solicitante o a su causante
- ☐ Declaraciones
- ☒ Copia de la solicitud internacional (Resumen, descripción, reivindicaciones, dibujos)
- ☒ Traducción de la solicitud internacional al castellano. (Resumen, descripción, reivindicaciones, dibujos)
- ☐ Copia del examen preliminar internacional efectuado por la Autoridad Internacional de examen preliminar (IPER)
- ☐ Traducción del examen preliminar internacional efectuado por la IPEA
- ☐ De ser el caso copia de contrato de acceso.
- ☐ De ser el caso documento que acredite la licencia o autorización de uso de conocimientos tradicionales de las comunidades indígenas.
- ☐ De ser el caso certificado de deposito del material biológico
- ☐ Arte final 12x12.
- ☐ De ser el caso, información sobre otras solicitudes de patente o títulos obtenidos en el extranjero por el mismo titular o su causante, relacionadas parcial o totalmente con la invención de esta solicitud.
- ☐ De ser el caso, modificaciones efectuadas a la solicitud internacional
- ☒ Otros Opinión escrita, Request

11 FIGURA CARACTERISTICA**12 Solicito la concesión de la patente,****NOMBRE :** DILIA MARÍA RODRÍGUEZ D'ALEMAN**FIRMA:**
C.C. 41.654.882 T.P. 20824

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

NIT : 800176089-2

RECIBO OFICIAL DE CAJA : 08 - 5,814
FECHA : ENERO 22 DE 2008

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 08-009979- -00000-0000

Fecha: 2008-02-01 15:55:22
Tra. 11 PATENTEIYII
Act. 411 PRESENTACION

Dep. 2020 NUECREACIONI
Eve: 378 FASENACIONALI
Folios: 53

**** CONSIGNACION ****

DEPOSITANTE	TIPO PAGO	BANCO	CUENTA	No. PAGO	FECHA PGO	Vr. PAGO
CLARKE MODET Y CO. COLOMB	CONSIGNACION	BANCO DE BOGOTA	062754387	83221	22/01/2008	38,815,000.00

**** CONCEPTO ****

CANT.	RENTISTICO	CONCEPTO	TOTAL CONCEPTO
1	50005-01-01 SOLICITUDES	1 TRAMITES DE SOL. DE PATENTE DE IN	501,000.00
		TOTAL :	\$ 501,000.00

SON: QUINIENTOS UN MIL PESOS

RESPONSABLE :

RECIBO DE CAJA APLICADO AL EXPEDIENTE No. _____

P/ 1086 3

Clarke, Modet & C^o

COLOMBIA

Carrera 11 n° 86-53, Piso 6 Bogotá Colombia Tel: (57 1) 618 1088-Fax: (57 1) 6350824-E-mail: clarkemodet@clarkemodet.com.co

PODER

Yo (nosotros), abajo firmante(s)

en mi (nuestro) carácter de representante(s) legales de

una sociedad organizada y existente de acuerdo con las leyes de

y en actual cumplimiento de su objeto social, con domicilio en

por el presente instrumento confiero (conferimos) poder especial a favor de DILIA MARIA RODRIGUEZ D'ALEMAN, con Cédula de Ciudadanía No. 41.654.882 de Bogotá, y tp. 20824 y CLAUDIA LUCIA CARO RAMIREZ, con Cédula de Ciudadanía No. 40.017.374 de Tunja, y tp. 36448, con domicilio en Bogotá, Colombia, para que actuando en su orden en nombre del (de la) otorgante le (la) representen ante cualquier entidad, autoridad y/o persona, especialmente ante las del orden Administrativo, Contencioso Administrativo, Judicial, Tribunales de Arbitramento y/o cualquier otro en lo referente a los siguientes asuntos:

- 1) Solicitar, tramitar, obtener y/o registrar cualquiera de las modalidades de Propiedad Industrial, tales como: patentes de invención, modelos de utilidad; diseños industriales, variedades vegetales; marcas, lemas, nombres y enseñas comerciales y denominaciones de origen; así como sus renovaciones, prórrogas, transferencias, cambios de nombre y/o domicilio, contratos y licencias.
- 2) Solicitar, tramitar, obtener y/o registrar derechos de autor, en cualquiera de sus presentaciones así como la protección de secretos industriales y know-how.
- 3) Solicitar, tramitar, obtener y/o registrar registros sanitarios, permisos y/o licencias de funcionamiento; así como sus renovaciones o prórrogas, transferencias, cambios de nombre y/o domicilio, contratos y licencias.
- 4) Ejercer acciones de oposición, observación, reclamos, reconsideración, reposición, apelación, cancelación administrativa o judicial, nulidad, protección al consumidor, concesión de licencias, protección de secretos industriales y demás acciones y recursos relacionados con derechos derivados de los asuntos arriba indicados y en contra de la competencia desleal, acciones derivadas de la obtención o explotación de licencias, acciones de indemnización de perjuicios. También podrá(n) intervenir en juicios civiles, comerciales, penales, contencioso-administrativos, tutelas y de policía; en acciones o juicios promovidos por el (la) mandante o en contra el (ella).
- 5) Registrar nombres de dominio ante la entidad competente.
- 6) En el ejercicio de este mandato los mandatarios arriba mencionados quedan facultados para: conciliar, cancelar, transigir, comprometer en árbitros, desistir, recibir y tomar posesión de la cosa objeto de litigio y renunciar o desistir a derechos concedidos o en curso de concesión, admitir los hechos del proceso.
- 7) Ratificar o no la agencia oficiosa.
- 8) Así mismo faculto (facultamos) a los mencionados apoderados para recibir notificaciones y designar apoderados judiciales o extrajudiciales, sustituir el presente poder y revocar las sustituciones que hicieren.

Dado y firmado en

a los días de

POWER OF ATTORNEY

I (we), the undersigned
Richard Jauslin

legal representative(s) of

Obrist Closures Switzerland GmbH

an organization existing under the laws of
Switzerland

and in present execution of its business activity
Romerstrasse 83, CH-4153 Reinach

do hereby grant POWER OF ATTORNEY to DILIA MARIA RODRIGUEZ D'ALEMAN, identification card No. 41.654.882 of Bogotá, and tp. 20824 and CLAUDIA LUCIA CARO RAMIREZ, tp. 36448, identification card No. 40.017.374 of Tunja, residing in Bogotá, Colombia, to act in the order of their appointment in behalf of grantor before any entity, authority and/or natural or juridical person, specially before those Administrative, Administrative-Contentious, Judicial, arbitration courts, and/or any other, in all matters concerning the following:

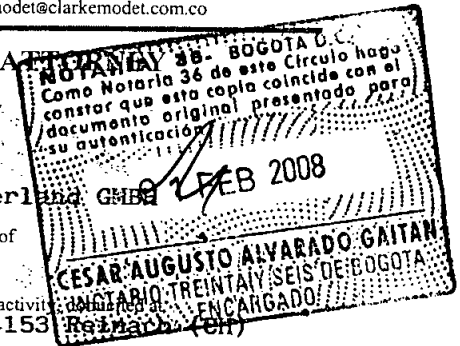
- 1) To apply, process, obtain and/or register any of the modalities of Industrial Property, such as: Patents of Invention, Utility Models; Designs, plant varieties; Marks, Slogans, Trade Names and emblems and appellations of Origin; as well as their renewals, extensions, assignments, changes of name and/or domicile, agreements and licenses.
- 2) To apply, process, obtain and/or register copyrights of any kind as well as protection of industrial secrets or know-how.
- 3) To apply, process, obtain and/or register sanitary registrations, operating authorizations and/or licenses; as well as their renewals or extensions, assignments, changes of name and/or domicile, agreements and licenses.
- 4) To bring actions of opposition, observations, claims, reconsideration, appeal or legal remedies, cancellations, nullity, protection to the consumer, granting of licenses, protection of trade secrets and other actions related with rights derived from the above-mentioned matters and against the unfair competition, actions resulting from the obtaining or exploitation of licenses, recovering damages actions. They can also intervene or participate in Civil, Commercial, Criminal or Contentious-Administrative Trials; the actions for writ mandamus, police actions; in actions, lawsuits or litigations instituted by the grantor or against him.
- 5) To register domain names before the competent entity.
- 6) To the effect of this mandate the above-named proxy are empowered to: conciliate, cancel, settle, submit to arbitration, withdraw and to receive and take possession of the litigation related object and waive or renounce the rights granted or in process of granting, admit the facts of the case.
- 7) To ratify or not the officious agency.
- 8) I (we) hereby appoint the afore mentioned attorneys with powers to receive notifications and to designate judicial and extra-judicial attorneys, substitute this Power of Attorney and to revoke such substitutions.

Granted and signed at

on this 14th day of January of 2008

Firma / signature

R Jauslin
Richard Jauslin



CERTIFICADO NOTARIAL

(Cuando el solicitante es SOCIEDAD)

(Poderes otorgados en: El Salvador, Estados Unidos, México y Venezuela)

A los _____ días del mes de _____ de _____
el Notario que suscribe DA FE de que:

1. _____
(nombre de la persona que firma el poder)

mayor de edad y domiciliado en _____
firmó de su puño
y letra el documento que antecede.

2. Conoce al (a la) otorgante y que este (a) está legalmente capacitado para el otorgamiento.

3. El otorgante ha firmado el referido documento en su carácter de _____
de la persona jurídica _____

4. La citada persona jurídica con sede en _____
está legalmente
constituida, que tiene actualmente
existencia legal y que el acto para el cual se ha otorgado este
poder está comprendido entre los que constituyen su objeto social.
5. El otorgante tiene efectivamente la representación que ostenta, que
esta es legítima y que está facultado para otorgar este poder.
6. las anteriores certificaciones de los puntos 3, 4 y 5, me constan porque
he tenido a la vista los documentos auténticos.

Notario Público

NOTA: A continuación de lo anterior, el Cónsul de Colombia debe
autenticar la firma del Notario Público.

CERTIFICADO NOTARIAL (Cuando el solicitante es INDIVIDUO)

A los _____ días del mes de _____ de _____
el Notario que suscribe DA FE de que:

1. _____
(nombre de la persona que firma el poder)

mayor de edad y domiciliado en _____
firmó en su presencia

el documento que antecede, conoce al otorgante y que este está
legalmente capacitado para el otorgamiento.

Notario Público

NOTA: A continuación de lo anterior, el Cónsul de Colombia debe
autenticar la firma del Notario Público.

Para todos los demás países el Señor Cónsul de Colombia o ante
quien se otorgue, debe expedir una certificación dejando constancia
1) de la existencia legal de la sociedad, 2) de que esta ejerce
actualmente su objeto social, y 3) de que la persona o personas que
otorgan el poder están facultadas para hacerlo, dejando
constancia así mismo de que tuvo a la vista las pruebas que acrediten
tales circunstancias.

**LEGALIZACIÓN POR EL CONSUL DE COLOMBIA
O POR APOSTILLA**

NOTARIAL CERTIFICATE

(When the applicant is a CORPORATION)

(Powers of attorney granted in: El Salvador, Mexico, U.S.A. and Venezuela)

This 14th day of January, 2008
the undersigned Notary CERTIFIES that:

1. Richard J. Jansin
(name of the person who signs the power of attorney)

of legal age and domiciled in Av. Lesclapart
set his hand on the
foregoing document.

2. The grantor is to him personally known and that he/she has legal capacity to
execute the document.

3. The grantor has executed the foregoing document in his capacity
of BU Director
of the juridical person Obvisti Clavres Surtzerland GmbH.

4. The mentioned juridical person with place of business
in CH-4153 Reinach (Surtzerland)
is duly organized, has actual legal existence and that the purposes for which
the power of attorney is granted are within the scope of its corporate purposes.

5. The grantor has in fact the referred quality and that his/her
representation is legal and that he/she is empowered to grant this power
of attorney.

6. I have based the above certifications 3, 4 and 5, on the authentic documents
which for such purpose were exhibited to me.

Notary Public

NOTA: Then the Colombian Consul must legalize the signature of the Notary
Public.

**NOTARIAL CERTIFICATE
INDIVIDUALS)**

On this _____ day of _____
the undersigned Notary CERTIFIES that:

1. _____
(name of the person who signs the Power of Attorney)

of legal age and domiciled at _____
signed in his presence the foregoing
document, the grantor is to him personally known and that he/she has legal
capacity to execute the document.

Notary Public

NOTA: Then the Colombian Consul must legalize the signature of the Notary
Public.

For all other countries the Colombian Consul or before who it is granted
must issue a certification stating 1) the legal existence of the corporation,
2) that the corporate purposes are actually being accomplished, 3) that
the person or persons who grant this Power of Attorney are empowered to
do it. The Consul will certify also that the documents evidencing those
circumstances were exhibited to him.

**LEGALIZATION BY THE COLOMBIAN CONSUL OR BY
APOSTILLE.**



1517

A. COVILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: Switzerland
2. type of document

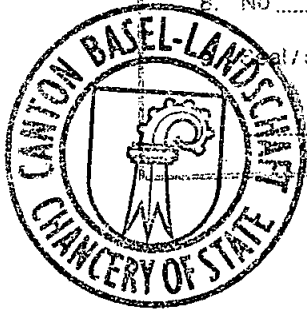
3. Has been signed by Daniel Stoll
4. acting in the capacity of notary
5. bears the seal / stamp of Basellandschaftl.
Notar

Certified

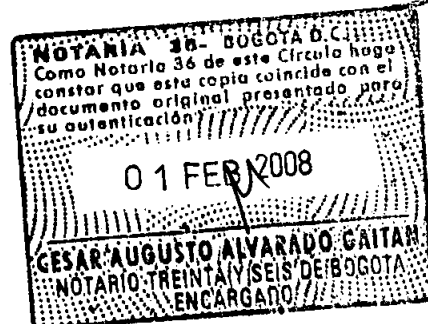
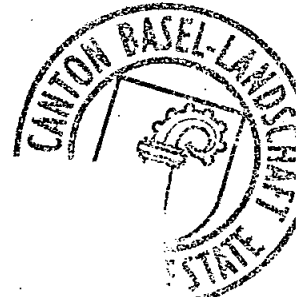
6. at Lies'at 6. the 15.01.2008
7. by CHANCERY OF STATE OF CANTON BASEL-LANDSCHAFT
8. No 77

9. Seal / stamp:

10. Signature:

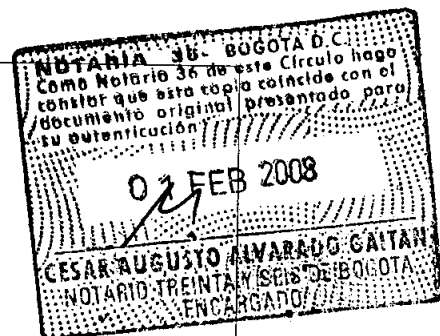


Cornelia Kissling
Weibeldienst



Traducción oficial de un documento que está originalmente en inglés

APOSTILLA: (Convention de La Haye du 5 octobre 1961)	
1. País:	Suiza
<u>El presente documento público</u>	
2. Ha sido firmado por:	Daniel Stoll
3. Actuando en calidad de:	Notario
4. Lleva el sello/estampilla de:	Notario de Basel-Landschaft.
<u>Certificado</u>	
5. En:	==
6. El:	15 de enero de 2008.
7. Por:	Cancillería municipal del Cantón de Basel-Landschaft
8. Bajo el No.:	77
9. Sello / estampilla:	Cancillería municipal · Cantón de Basel-Landschaft
10. Firma:	Cornelia Kissling. Weibeldienst.



Certifico que la presente es una traducción verdadera y completa del documento adjunto: "Apost."

Fecha: 30 de Enero de 2008.

Traductor: Jorge Enrique Sierra Reyes. Licencia No. 376 de 1993, del Ministerio de Justicia.

Dirección: Carrera 15 No. 99-13 Oficina 411.

Teléfono: (57-1) 2182308, (57-1) 6232925. Bogotá, Colombia.

E-mail: treseser1@yahoo.com. No. 10-593


Traductor Oficial
JORGE E. SIERRA REYES
Licencia 376 - 1993 Minjusticia

6

MONTAJE DE TAPA PARA CONTENEDOR

CAMPO DE LA INVENCION

5 La invención se refiere a montajes de tapa para
contenedor y en particular a montajes de tapa para
contenedor que incorporan un depósito para material
(típicamente un líquido) el cual se mantiene separado del
material (de nuevo típicamente líquido) en el contenedor
10 hasta que se requiere el mezclado de los materiales.

ANTECEDENTES DE LA INVENCION

Dichos arreglos son conocidos, por ejemplo, con
15 relación a ciertas bebidas en las cuales la bebida se
consume mejor sólo poco después que se efectúa el mezclado.
En un arreglo conocido, un depósito generalmente cilíndrico
para líquido se atornilla en una pieza anular de extremo
colocada de manera no removible en el cuello de un
20 contenedor. Cuando el depósito se retira de la pieza de
extremo, se desprende un miembro de cierre desde el
depósito y cae en el contenedor permitiendo que el líquido
en el depósito se pueda dispensar a través de la pieza de
extremo al interior del contenedor. Cuando el depósito se
25 retira completamente de la pieza de extremo los líquidos

6

mezclados se pueden verter a través de la pieza de extremo.

El arreglo antes descrito no es apropiado para ser utilizado con aparatos para llenado de contenedor estándar que utilizan, por ejemplo, botellas de PET estándar (acabado de cuello PCO) y tapas de cierre de perfil estándar las cuales se atornillan en las botellas y se retiran de las mismas desatornillando y rompiendo un anillo indicador de violación. En el arreglo previo la forma de la botella debe ser diferente debido a que la pieza de extremo debe ser no removible y el perfil de la pieza de extremo con depósito acoplado es completamente diferente de aquel de una tapa de cierre estándar.

SUMARIO DE LA INVENCION

15

Es el objetivo de la presente invención proveer una solución en la cual no se requiera modificación de la botella estándar industrial y en la cual el perfil de la tapa sea tal que ésta se pueda manejar en líneas de llenado no modificadas.

20

Por consiguiente, la invención provee un montaje de tapa para un contenedor que comprende: una tapa de cierre adaptada para que se coloque en el cuello de un contenedor para cerrar el contenedor que comprende una pared superior y una faldilla cilíndrica que depende de la

25

misma y que tiene un depósito formado en la cara inferior de la pared superior dentro de la faldilla y que está provisto con una abertura dispensadora; y un miembro obturador adaptado para que se coloque en la tapa de cierre para cerrar la abertura dispensadora en el depósito; en la cual el miembro obturador está adaptado para que se coloque en el cuello del contenedor, cuando el montaje se monta al mismo, con un con un ajuste a presión tal que cuando la tapa de cierre se retira del contenedor, el miembro obturador permanece contenido dentro del cuello del contenedor, y se separa de la tapa de cierre para que la abertura dispensadora se abra y el material contenido en el mismo se dispense al interior del contenedor.

El arreglo permite que el depósito se pueda llenar y que el miembro obturador se pueda montar en la tapa de cierre para formar un montaje que pueda ser transportado y manejado fácilmente por maquinaria estándar ajustada para manejar un cierre de contenedor sencillo que consiste simplemente de una pared de extremo y una faldilla dependiente.

BREVE DESCRIPCION DE LAS FIGURAS

A continuación se describen modalidades de la invención con referencia a las figuras anexas en las

9

cuales:

La figura 1 es una vista en perspectiva de la parte superior de un contenedor equipado con un montaje de tapa de conformidad con la invención.

5 La figura 2 es una vista en perspectiva de la parte superior de un contenedor con la tapa de cierre removida.

La figura 3 es una sección vertical a través de la parte superior de un contenedor y montaje de tapa de
10 cierre.

La figura 4 es una sección transversal a través de la parte superior de un contenedor con la tapa de cierre removida pero con el miembro obturador ubicado en el cuello del contenedor.

15 La figura 5 es una sección a través de la tapa de cierre invertida para el llenado.

La figura 6 es una sección a través del ensamble de tapa después del llenado y colocación del miembro obturador dentro de la tapa de cierre:

20 La figura 7 es una vista en perspectiva desde arriba del cuello de un contenedor con el miembro obturador ubicado en el mismo; y

La figura 8 es una vista en perspectiva desde arriba de la tapa de cierre invertida.

25

9

DESCRIPCION DETALLADA DE LA INVENCION

El montaje de tapa mostrado en las figuras es para uso con un contenedor 1 que tiene una cuerda externa en su cuello. El contenedor es una botella y típicamente se elabora a partir de plásticos de PET, metal o vidrio. El montaje de tapa comprende una tapa 2 y un miembro obturador 3. La tapa 2 tiene una pared superior 4 con una faldilla cilíndrica 5 que depende de la misma. La faldilla tiene una cuerda interna en el interior de la faldilla para que se monte en el contenedor. Como se muestra en la figura 1, la tapa está formada con un anillo indicador de violación 6 del cual se desprende de la faldilla cuando la tapa se abre por primera vez. Como se observa también en la figura 1, el perfil exterior de la tapa es completamente convencional.

Un depósito 7 se forma dentro de la faldilla 5 en la cara inferior de la pared superior 4 de la tapa. El depósito está formado por una pared cilíndrica 8 que se extiende hacia abajo desde la cara inferior de la pared superior 4, y una abertura dispensadora 9 queda definida por el extremo libre de la pared 8.

El miembro obturador 3 está dimensionado para que se acomode en la tapa para cerrar la abertura dispensadora 9. El miembro obturador 3 comprende un agujero cilíndrico 10 y un tapón 11 soportado en forma coaxial dentro del

agujero 10 en su extremo inferior por una pluralidad de puentes 13, de preferencia cuatro.

Con referencia a las figuras 5 y 6, la tapa se muestra invertida antes y después de llenar el depósito con una cantidad pequeña de líquido y de acomodar el miembro obturador dentro de la tapa. El tapón 11 se coloca en el extremo abierto de la pared cilíndrica 8 para formar un sello de agujero con el mismo para cerrar la abertura dispensadora 9. El tapón puede ser del tipo de ajuste a presión en la pared 8 para ayudar a retener el montaje de tapa 2 y el miembro obturador 3 en relación acoplada durante el transporte, almacenamiento y manejo del montaje. Una segunda pared cilíndrica 12 se extiende hacia abajo desde la cara inferior de la tapa de cierre radialmente hacia afuera del depósito y se coloca herméticamente dentro del extremo superior del agujero cilíndrico 10 del miembro obturador.

Cuando el ensamble se asegura al contenedor 1 como se muestra en la figura 3, el agujero 10 del miembro obturador se encaja en el cuello del contenedor con un ajuste a presión de modo tal que cuando la tapa de cierre 2 se desatornilla del contenedor, el miembro obturador 3 permanece suspendido dentro del cuello del contenedor y es separado de la tapa de cierre. A medida que la tapa 2 y el miembro obturador 3 se separan, el tapón 11

12

sale de la pared 8 del depósito para que se abra la
abertura dispensadora 9. El líquido contenido en el
depósito puede entonces salir del depósito para que se
dispense al interior del contenedor a través de los pasajes
5 15 en el miembro obturador formados entre los puentes 13.
Los contenidos mezclados del contenedor se pueden verter
después hacia el exterior a través de los pasajes 15. Como
se muestra mejor en la figura 3, el extremo superior del
miembro obturador está formado con un reborde radial 16
10 volteado hacia fuera el cual forma un sello entre el
extremo superior del cuello del contenedor y la cara
inferior de la tapa 2.

El miembro obturador se elabora a partir de un
material más suave que el de la tapa de cierre. En una
15 modalidad preferida el miembro obturador se elabora a
partir de polietileno y la tapa de cierre se elabora a
partir de polipropileno.

En un montaje para uso en un cuello de botella
estándar de 28 mm de diámetro, el depósito puede tener un
20 diámetro de aproximadamente 12 mm y se llenará hasta una
profundidad de aproximadamente 9 mm dando un volumen de
líquido de aproximadamente 1 ml. En un montaje para uso en
un cuello de botella de 38 mm, el depósito puede tener un
diámetro de aproximadamente 22 mm y se puede llenar hasta
25 una profundidad de aproximadamente 13 mm dando un volumen

12

de líquido de aproximadamente 5 ml. Dichos depósitos no se extenderán por debajo de la faldilla 5 o se pueden extender sólo muy ligeramente. Si se requiere, el depósito se puede hacer mucho más profundo para algunas aplicaciones pero 5 esto puede obstaculizar el manejo a alta velocidad.

NOVEDAD DE LA INVENCION

Habiendo descrito el presente invento se considera como novedad y por lo tanto se reclama como
5 propiedad lo contenido en las siguientes:

REIVINDICACIONES

- 1.- Un montaje de tapa que comprende:
- 10 una tapa de cierre (2) adaptada para que se asegure al cuello del contenedor (1) para cerrar el contenedor que comprende una pared superior (4) y una faldilla cilíndrica (5) que depende de la misma, un depósito (7) que está formado en la cara inferior de la
15 pared superior dentro de la faldilla y provisto con una abertura dispensadora (9);
- y un miembro obturador (3) adaptado para que acomode en la tapa de cierre (2) para cerrar la abertura dispensadora (9) en el depósito(7);
- 20 caracterizado porque el miembro obturador (3) está adaptado para que se acomode en el cuello del contenedor, cuando el montaje se asegura al mismo, con un con un ajuste a presión tal que cuando la tapa de cierre (2) se retira del contenedor, el miembro obturador (3)
25 permanece suspendido dentro del cuello del contenedor y es

separado de la tapa de cierre para que la abertura dispensadora (9) se abra y el material contenido en el mismo se dispense al interior del contenedor.

2.- Un montaje de conformidad con la
5 reivindicación 1, caracterizado porque el depósito (7) es formado por una pared cilíndrica (8) que se extiende hacia abajo desde la cara inferior de la pared superior (4) de la tapa de cierre.

3.- Un montaje de conformidad con la
10 reivindicación 2, caracterizado porque el miembro obturador (3) comprende un agujero cilíndrico (10) dimensionado para que encaje herméticamente en el cuello del contenedor y porque un tapón (11) está soportado coaxialmente dentro del agujero cilíndrico en su extremo inferior mediante una
15 pluralidad de puentes radiales (13); el tapón está adaptado para que se acomode dentro del extremo abierto de la pared cilíndrica del depósito para cerrar el depósito (7) cuando la tapa de cierre (2) y el miembro obturador (3) están acoplados entre sí y los pasajes (15) se forman entre los
20 puentes radiales (13) de modo tal que cuando la tapa de cierre (2) se separa del miembro obturador (3), el material se puede dispensar desde el depósito (7) a través de los pasajes (15) y hacia el interior del contenedor.

4.- Un ensamble de conformidad con la
25 reivindicación 3, caracterizado porque una segunda pared

cilíndrica (12) se extiende hacia abajo desde la cara inferior de la tapa de cierre (2) radialmente hacia afuera del depósito (7) para que encaje herméticamente en el miembro obturador (3).

5 5.- Un montaje de conformidad con cualquiera de las reivindicaciones precedentes, caracterizado porque el miembro obturador (3) se elabora a partir de un material más suave que el de la tapa de cierre (2).

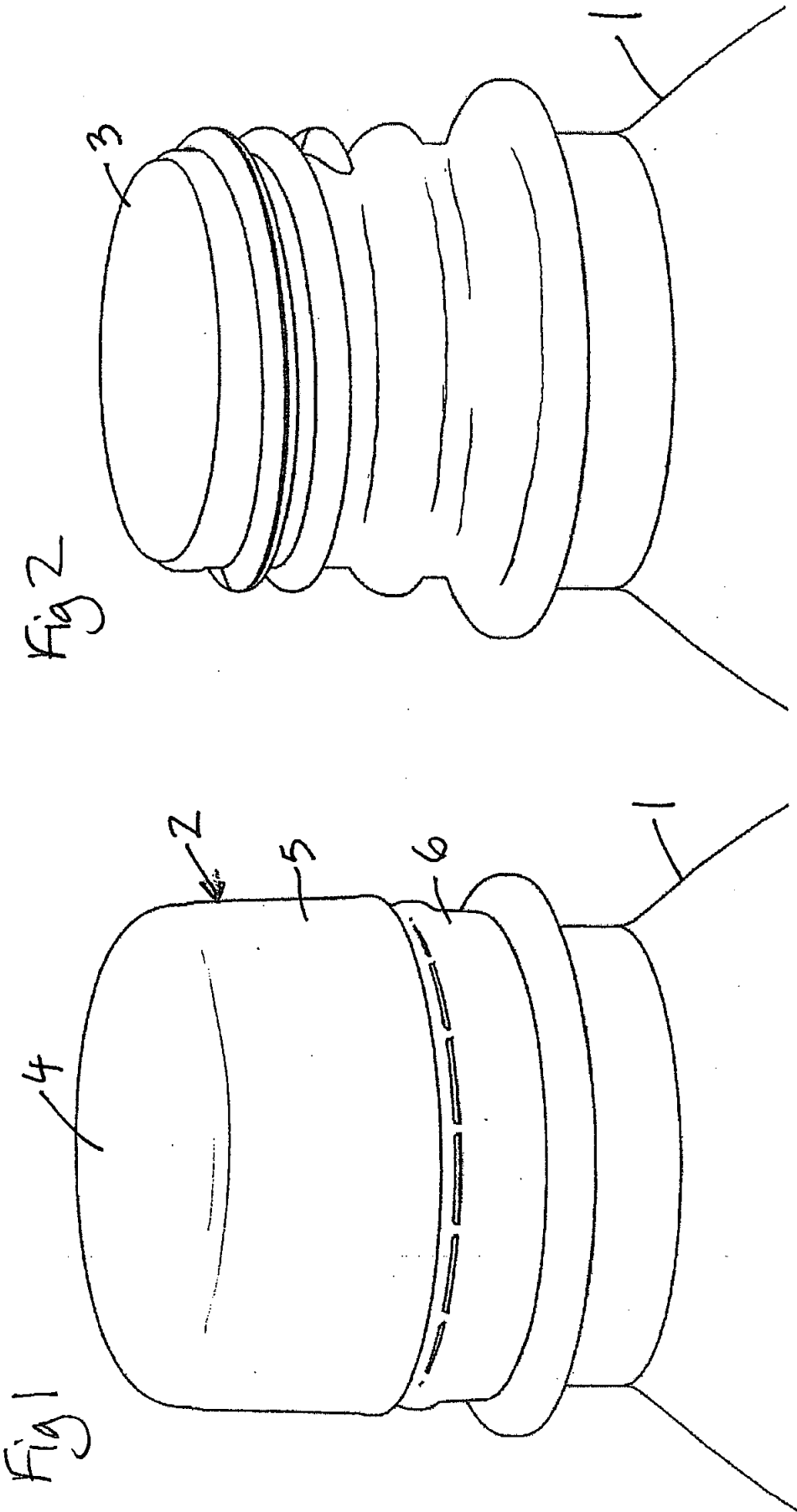
10 6.- Un ensamble de conformidad con cualquiera de las reivindicaciones precedentes, caracterizado porque el miembro obturador (3) se elabora a partir de polietileno y la tapa de cierre (2) se elabora a partir de polipropileno.

15 7.- Un ensamble de conformidad con cualquiera de las reivindicaciones en combinación con un contenedor (1) que tiene un cuello con una cuerda externa; la tapa de cierre (2) se forma con una cuerda correspondiente en el interior de la faldilla dependiente (5) para asegurar el montaje al contenedor.

RESUMEN DE LA INVENCION

Se describe un montaje de cierre que tiene una tapa de cierre (2) adaptada para que se asegure al cuello del contenedor para cerrar el contenedor. La tapa (2) tiene una pared superior (4) y una faldilla cilíndrica (5) que depende de la misma. Un depósito (7) está formado en la cara inferior de la pared superior (4) radialmente dentro de la faldilla (5) y tiene una abertura dispensadora (9).

Un miembro obturador (3) está colocado dentro de la tapa de cierre (2) para cerrar la abertura dispensadora en el depósito. Cuando el ensamble se asegura al contenedor el miembro sellador se acomoda dentro del cuello del contenedor con un ajuste a presión tal que cuando la tapa de cierre (2) se retira del contenedor, el miembro obturador (3) permanece suspendido dentro del cuello del contenedor y es separado de la tapa de cierre para que la abertura dispensadora se abra y el material contenido en el mismo se dispense al interior del contenedor.



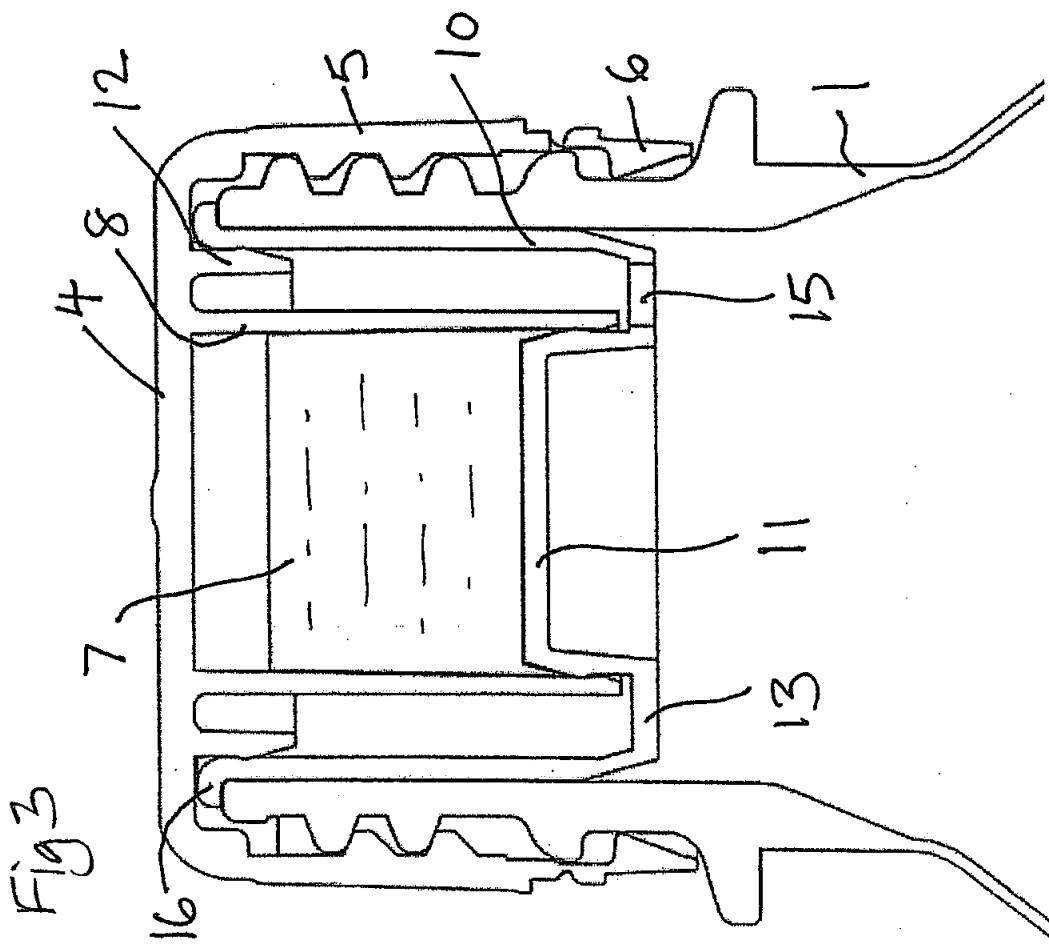


Fig 3

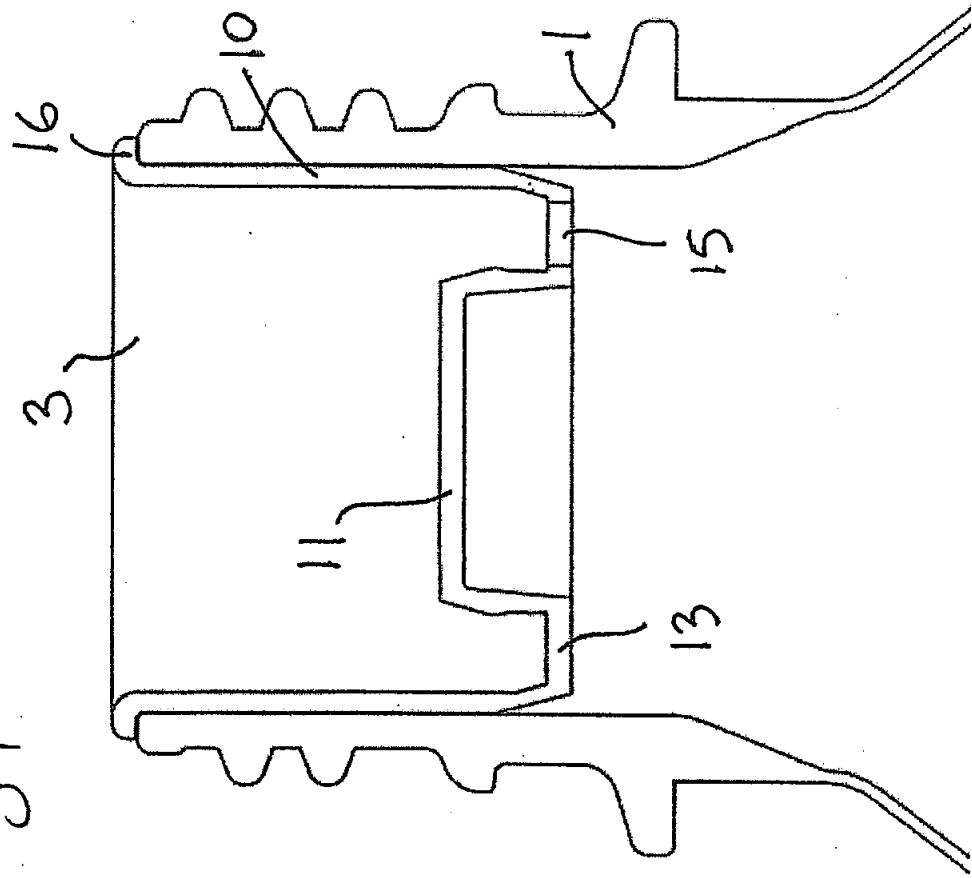


Fig 4

3/4

Fig 6

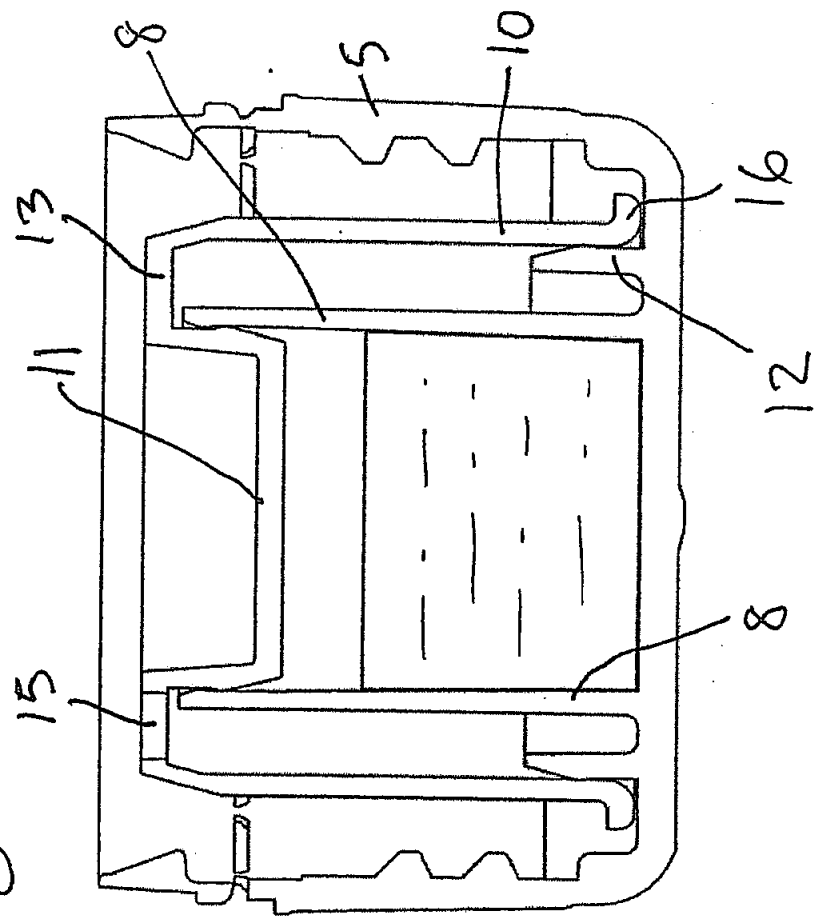
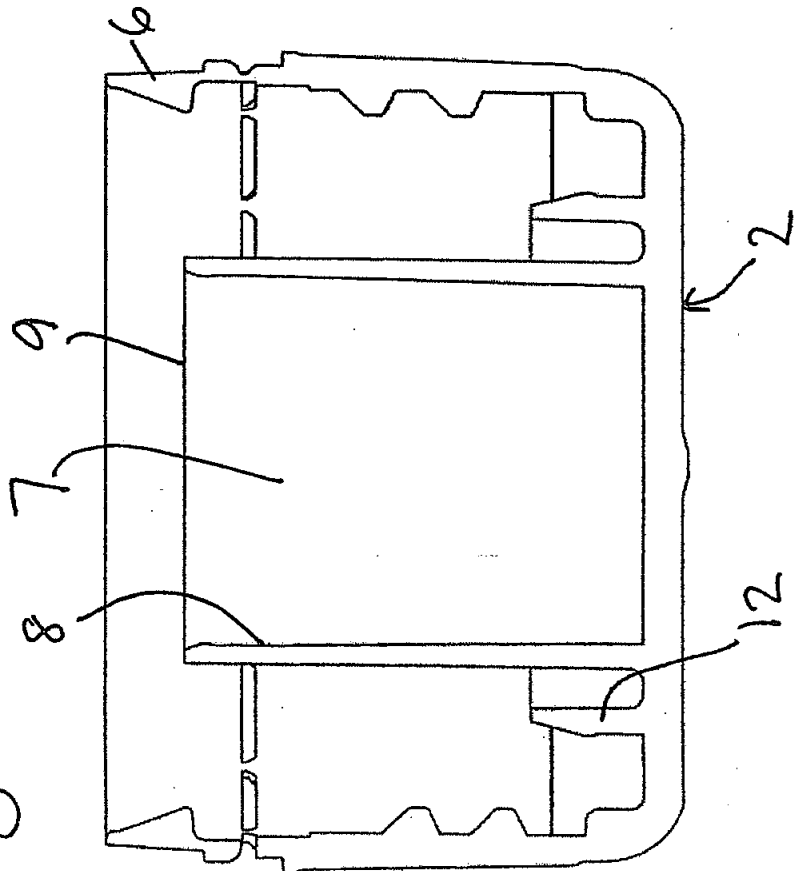
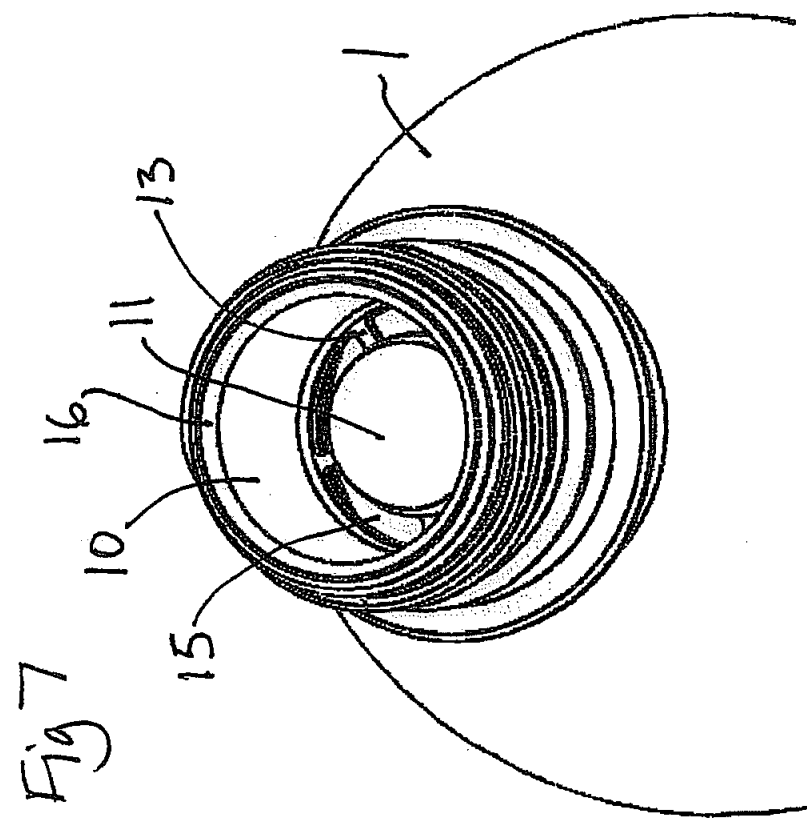
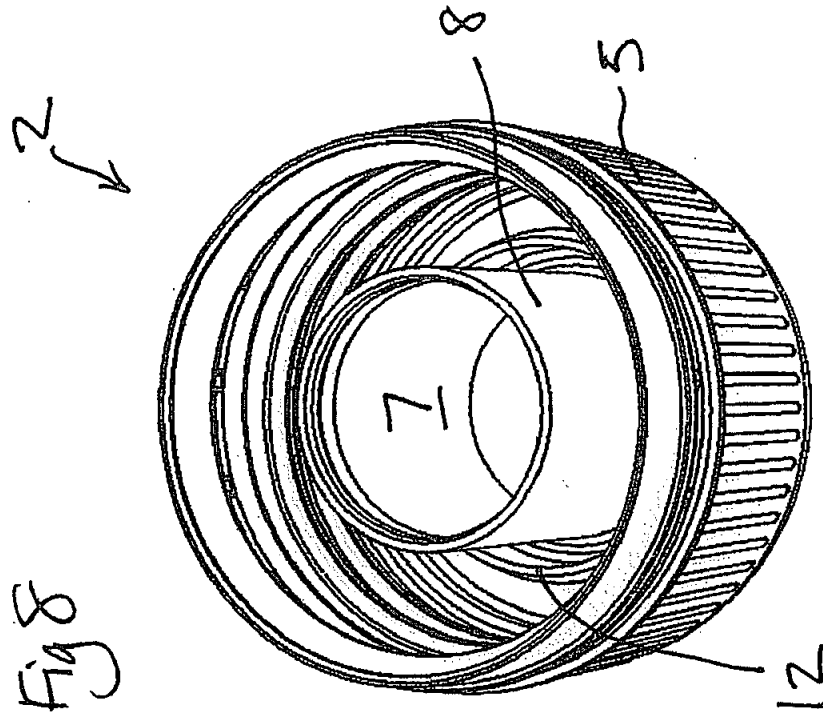


Fig 5





PATENT COOPERATION TREATY

22

From the RECEIVING OFFICE

PCT

To: Hepp, Dieter HEPP, WENGER & RYFFEL AG Friedtalweg 5 9500 Wil SUISSE		NOTIFICATION OF THE INTERNATIONAL APPLICATION NUMBER AND OF THE INTERNATIONAL FILING DATE (PCT Rule 20.5(c))	
EINGEGANGEN - RECEIVED 07. AUG. 2006 HEPP WENGER RYFFEL		Date of mailing (day/month/year) 04-08-2006	
Applicant's or agent's file reference PC0138W0		IMPORTANT NOTIFICATION	
International application No. PCT/EP2006/064724	International filing date (day/month/year) 27/07/2006	Priority date (day/month/year) 12/08/2005	
Applicant OBRIST CLOSURES SWITZERLAND GMBH			
Title of the invention			

- The applicant is hereby notified that the international application has been accorded the international application number and the international filing date indicated above.
- The applicant is further notified that the record copy of the international application was transmitted to the International Bureau on the above date of mailing.

3. ☐ Other: _____

Fristenkontrolle Blau: 12.2.07/12.3.07/11.1.2008 Rot: 12.3.07/12.4.07/12.2.2008
--

* The International Bureau monitors the transmittal of the record copy by the receiving Office and will notify the applicant (with Form PCT/IB/301) of its receipt. Should the record copy not have been received by the expiration of 14 months from the priority date, the International Bureau will notify the applicant (Rule 22.1(c)).

Name and mailing address of the Receiving Office  European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040 Fax: (+31-70) 340-3016	Authorized officer Blouw, Jurre
---	------------------------------------

22

PCT REQUEST

Print Out (Original in Electronic Form)

0	For receiving Office use only	
0-1	International Application No.	PCT/EP2006/064724
0-2	International Filing Date	27 JUL 2006 (27.07.2006)
0-3	Name of receiving Office and "PCT International Application"	RO/EP
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT Online Filing Version 3.5.000.176 MT/FOP 20020701/0.20.4rc.2.7
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	European Patent Office (EPO) (RO/EP)
0-7	Applicant's or agent's file reference	PCO138WO
I	Title of Invention	Container closure assembly
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	Obrist Closures Switzerland GmbH
II-5	Address	Römerstrasse 83 4153 Reinach Switzerland
II-6	State of nationality	CH
II-7	State of residence	CH
II-8	Telephone No.	061 715 24 24
II-9	Facsimile No.	061 715 22 99
II-11	Applicant's registration No. with the Office	100765685
III-1	Applicant and/or inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	RAMSEY, Christopher Paul
III-1-5	Address	Braeside Wantage, OX12 8DP United Kingdom
III-1-6	State of nationality	GB
III-1-7	State of residence	GB

23

23

PCT REQUEST

Print Out (Original in Electronic Form)

III-2	Applicant and/or inventor	
III-2-1	This person is	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	BODNAR, Katie
III-2-5	Address	14 West Quay Abingdon, OX14 5TL United Kingdom
III-2-6	State of nationality	GB
III-2-7	State of residence	GB
IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	HEPP, Dieter
IV-1-2	Address	Friedtalweg 5 9500 Wil Switzerland
IV-1-3	Telephone No.	071 913 95 55
IV-1-4	Facsimile No.	071 913 95 56
IV-1-5	e-mail	Mail@Hepp.ch
IV-1-6	Agent's registration No.	025444.1
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	WENGER, René (049073.0); MÜLLER, Christoph (088221.7); DR. WELCH, Andreas (095562.5)
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier regional application	
VI-1-1	Filing date	12 August 2005 (12.08.2005)
VI-1-2	Number	05255021.7
VI-1-3	Regional Office	EP

24

24

PCT REQUEST

Print Out (Original in Electronic Form)

VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	—	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	—	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	—	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	—	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	—	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	4	✓
IX-2	Description	5	✓
IX-3	Claims	2	✓
IX-4	Abstract	1	✓
IX-5	Drawings	4	✓
IX-7	TOTAL	16	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	—	✓
IX-17	PCT-SAFE physical media	—	—
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	(PKCS7 Digital Signature)	
X-1-1	Name (LAST, First)	MÜLLER, Christoph	
X-1-2	Name of signatory		
X-1-3	Capacity		

PCT REQUEST

Print Out (Original in Electronic Form)

FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	27 JUL 2006 (27.07.2006)
10-2	Drawings:	X
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
------	--	--

From the INTERNATIONAL BUREAU

PCTNOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

Date of mailing (day/month/year) 17 October 2006 (17.10.2006)		To: HEPP, Dieter Friedtalweg 5 CH-9500 Wil SUISSE		EINGEGANGEN - RECEIVED 30. OCT 2006 HEPP WENGER RYFFEL
Applicant's or agent's file reference PCO138WO		IMPORTANT NOTIFICATION		
International application No. PCT/EP2006/064724		International filing date (day/month/year) 27 July 2006 (27.07.2006)		
International publication date (day/month/year) Not yet published		Priority date (day/month/year) 12 August 2005 (12.08.2005)		
Applicant OBRIST CLOSURES SWITZERLAND GMBH et al				

- By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- (If applicable) The letters "NR" appearing in the right-hand column denote a priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- (If applicable) An asterisk (*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b) (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as the priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

Priority date	Priority application No.	Country or regional Office or PCT receiving Office	Date of receipt of priority document
12 August 2005 (12.08.2005)	05255021.7	EP	18 September 2006 (18.09.2006)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	Authorized officer Ellen Moyse Facsimile No. +41 22 338 89 75 Telephone No. +41 22 338 91 54
---	---

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 February 2007 (22.02.2007)

PCT

(10) International Publication Number
WO 2007/020169 A1

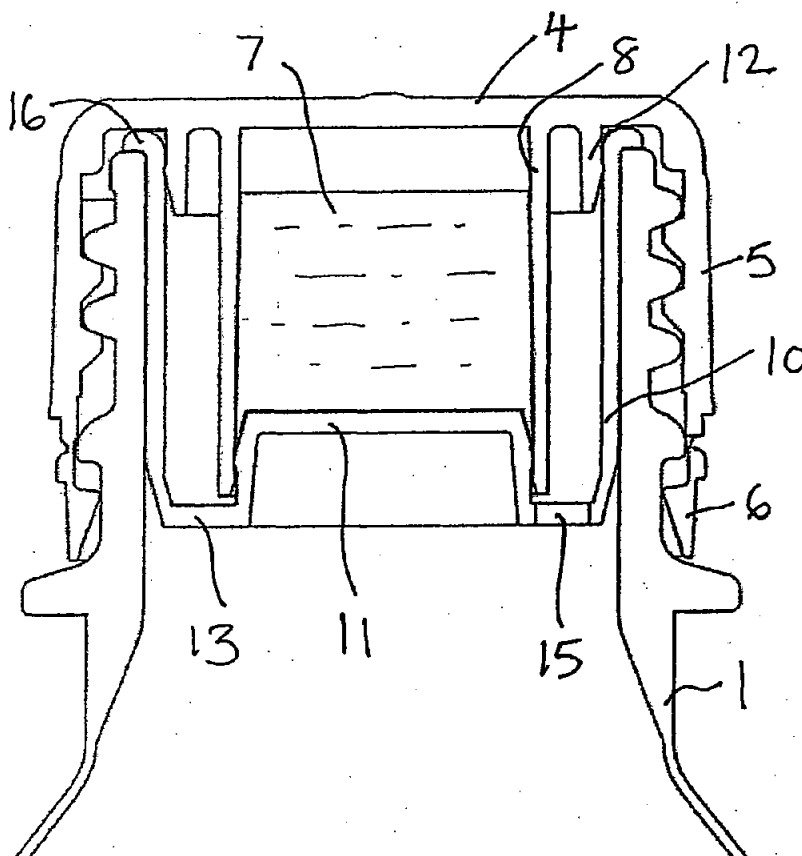
- (51) International Patent Classification:
B65D 41/34 (2006.01) *B65D 51/28* (2006.01)
- (21) International Application Number:
PCT/EP2006/064724
- (22) International Filing Date: 27 July 2006 (27.07.2006)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
05255021.7 12 August 2005 (12.08.2005) EP
- (71) Applicant (for all designated States except US): **OBRIST CLOSURES SWITZERLAND GMBH** [CH/CH];
Römerstrasse 83, CH-4153 Reinach (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **RAMSEY, Christo-
pher, Paul** [GB/GB]; Braeside, Wantage, OX12 8DP
(GB). **BODNAR, Katie** [GB/GB]; 14 West Quay, Abing-
don, OX14 5TL (GB).
- (74) Agents: **HEPP, Dieter et al.**; Friedtalweg 5, CH-9500 Wil
(CH).

- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT,
LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA,
NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC,
SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

[Continued on next page]

(54) Title: CONTAINER CLOSURE ASSEMBLY



(57) Abstract: A closure assembly has a closure cap (2) adapted to be fitted to the neck of a container to close the container. The cap (2) has an upper wall (4) and a cylindrical skirt (5) depending therefrom. A reservoir (7) is formed on the underside of the upper wall (4) radially within the skirt (5) and has a dispensing opening (9). A sealing member (3) is fitted into the closure cap (2) to close the dispensing opening in the reservoir. When the assembly is fitted to the container the sealing member fits into the neck of the container with an interference fit such that when the closure cap (2) is removed from the container, the sealing member (3) remains held within the neck of the container and is separated from the closure cap so that the dispensing opening is opened and material contained therein is dispensed into the container.

WO 2007/020169 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Container Closure Assembly

The invention relates to container closure assemblies and in particular to container closure assemblies incorporating a reservoir for material (typically a liquid) which is kept separate from the material (again typically liquid) in the container until mixing of the materials is required.

Such arrangements are known, for example, in relation to certain drinks where the drink is best consumed only shortly after the mixing has taken place. In one known arrangement a generally cylindrical reservoir for liquid is screw threaded into an annular end piece fitted irremovably to the neck of a container. When the reservoir is removed from the end piece, a closure member is dislodged from the reservoir and drops into the container allowing liquid in the reservoir to be dispensed through the end piece into the container. When the reservoir has been completely removed from the end piece the mixed liquids can be poured through the end piece.

The arrangement described above is not suitable for use with standard container filling apparatus using, for example, standard (PCO neck finish) PET bottles and standard profile closure caps which are screwed onto the bottles and removed therefrom by unscrewing and breaking a tamper evident ring. In the prior arrangement the bottle form must be different since the end piece must not be removable and the profile of the end piece with reservoir fitted is entirely different from that of a standard closure cap.

It is the aim of the present invention to provide a solution in which no modification to the industry standard bottle is required and

in which the profile of the closure is such that it can be handled on unmodified filling lines.

Accordingly, the invention provides a closure assembly for a container comprising: a closure cap adapted to be fitted to the neck of a container to close the container comprising an upper wall and a cylindrical skirt depending therefrom and having a reservoir formed on the underside of the upper wall within the skirt and provided with a dispensing opening; and a sealing member adapted to be fitted into the closure cap to close the dispensing opening in the reservoir; wherein the sealing member is adapted to fit into the neck of the container, when the assembly is fitted thereto, with an interference fit such that when the closure cap is removed from the container, the sealing member remains held within the neck of the container and is separated from the closure cap so that the dispensing opening is opened and material contained therein is dispensed into the container.

The arrangement allows for the reservoir to be filled and the sealing member to be fitted to the closure cap to form an assembly which can be freely transported and handled by standard machinery set up to handle a plain container closure consisting simply of an end wall and a depending skirt.

Embodiments of the invention are described below with reference to the accompanying drawings in which:

Figure 1 is a perspective view of the top of a container fitted with a closure assembly according to the invention;

Figure 2 is a perspective view of the top of the container with the closure cap removed;

Figure 3 is a vertical section through the top of a container and closure cap assembly;

Figure 4 is a vertical section through the top of a container with the closure cap removed but with the sealing member located in the neck of the container;

Figure 5 is a section through the closure cap inverted for filling;

Figure 6 is a section through the closure assembly after filling and fitting of the sealing member into the closure cap;

Figure 7 is a perspective view from above of the neck of a container with the sealing member located therein; and

Figure 8 is a perspective view from above of the inverted closure cap.

The closure assembly shown in the drawings is for use with a container 1 having an external screw thread on its neck. The container is a bottle and typically will be made of PET plastics, metal or glass. The closure assembly comprises a cap 2 and a sealing member 3. The cap 2 has an upper wall 4 with a cylindrical skirt 5 depending therefrom. The skirt has an internal screw thread on the inside of the skirt for fitting to the container. As shown in Figure 1, the cap is formed with a tamper indicating ring 6 which is broken away from the skirt when the closure is first opened. As also seen from Figure 1, the outer profile of the cap is entirely conventional.

A reservoir 7 is formed within the skirt 5 on the underside of the upper wall 4 of the cap. The reservoir is formed by a cylindrical wall 8 extending downwardly from the underside of the upper wall 4 and a dispensing opening 9 is defined by the free end of the wall 8.

The sealing member 3 is sized to be fitted into the closure to close the dispensing opening 9. The sealing member 3 comprises a cy-

lindrical bore 10 and a plug 11 supporting coaxially within the bore 10 at its lower end by a plurality of bridges 13, preferably four.

Referring to Figures 5 and 6, the cap is shown inverted before and after filling of the reservoir with a small amount of liquid and fitting of the sealing member into the cap. The plug 11 fits into the open end of the cylindrical wall 8 to form a bore seal therewith to close the dispensing opening 9. The plug may be a snap fit in the wall 8 to help retain the assembly of cap 2 and sealing member 3 in fitted relationship during transport, storage and handling of the assembly. A second cylindrical wall 12 extends downwardly from the underside of the closure cap radially outwardly of the reservoir and fits sealingly into the upper end of the cylindrical bore 10 of the sealing member.

When the assembly is fitted to the container 1 as shown in Figure 3, the bore 10 of the sealing member fits into the neck of the container with an interference fit such that when the closure cap 2 is unscrewed from the container, the sealing member 3 remains held within the neck of the container and is separated from the closure cap. As the cap 2 and sealing member 2 are separated, the plug 11 comes out of the wall 8 of the reservoir so that the dispensing opening 9 is opened. Liquid held in the reservoir can then pass out of the reservoir to be dispensed into the container through a passages 15 in the sealing member formed between the bridges 13. The mixed contents of the container can then be poured out through the passages 15. As best shown in Figure 3, the upper end of the sealing member is formed with an out-turned radial flange 16 which forms a seal between the upper end of the container neck and the underside of the cap 2.

32

34

The sealing member is made of a softer material than the closure cap. In a preferred embodiment the sealing member is made from polyethylene and the closure cap is made from polypropylene.

In an assembly for use on a standard 28 mm diameter bottle neck, the reservoir may have a diameter of about 12 mm and will be filled to a depth of about 9 mm giving a liquid volume of about 1 ml. In an assembly for use on a 38 mm diameter bottle neck, the reservoir may have a diameter of about 22 mm and be filled to a depth of about 13 mm giving a liquid volume of about 5 ml. Such reservoirs will not extend below the skirt 5 or may extend only very slightly. If required, the reservoir could be made much deeper for certain applications but this will hinder high speed handling.

33

CLAIMS

1. A closure assembly comprising:

a closure cap (2) adapted to be fitted to the neck of a container (1) to close the
5 container comprising an upper wall (4) and a cylindrical skirt (5) depending therefrom, a
reservoir (7) being formed on the underside of the upper wall within the skirt and provided
with a dispensing opening (9);

and a sealing member (3) adapted to be fitted into the closure cap (2) to close the
dispensing opening (9) in the reservoir (7);

10 wherein the sealing member (3) is adapted to fit into the neck of the container, when
the assembly is fitted thereto, with an interference fit such that when the closure cap (2) is
removed from the container, the sealing member (3) remains held within the neck of the
container and is separated from the closure cap so that the dispensing opening (9) is opened
and material contained therein is dispensed into the container.

15

2. An assembly according to claim 1, wherein the reservoir (7) is formed by a
cylindrical wall (8) extending downwardly from the underside of the upper wall (4) of the
closure cap.

20 3. An assembly according to claim 2, wherein the sealing member (3) comprises a
cylindrical bore (10) sized to fit sealingly into the neck of the container and wherein a plug
(11) is supported coaxially within the cylindrical bore at its lower end by a plurality of
radial bridges (13); the plug being adapted to fit into the open end of the cylindrical wall of
the reservoir to close the reservoir (7) when the closure cap (2) and sealing member (3) are

36

2

fitted together and passages (15) being formed between the radial bridges (13) such that when the closure cap (2) is separated from the sealing member (3), material can be dispensed from the reservoir (7) through the passages (15) and into the container.

5 4. An assembly according to claim 3, wherein a second cylindrical wall (12) extends downwardly from the underside of the closure cap (2) radially outwardly of the reservoir (7) to fit sealingly into the sealing member (3).

5. An assembly according to any preceding claim, wherein the sealing member (3) is
10 made from a softer material than the closure cap (2).

6. An assembly according to any preceding claim, wherein the sealing member (3) is made from polyethylene and the closure cap (2) is made from polypropylene.

15 7. An assembly according to any preceding claim in combination with a container (1) having a neck with an external screw thread; the closure cap (2) being formed with a corresponding screw thread on the inside of the depending skirt (5) for fitting the assembly to the container.

35

37

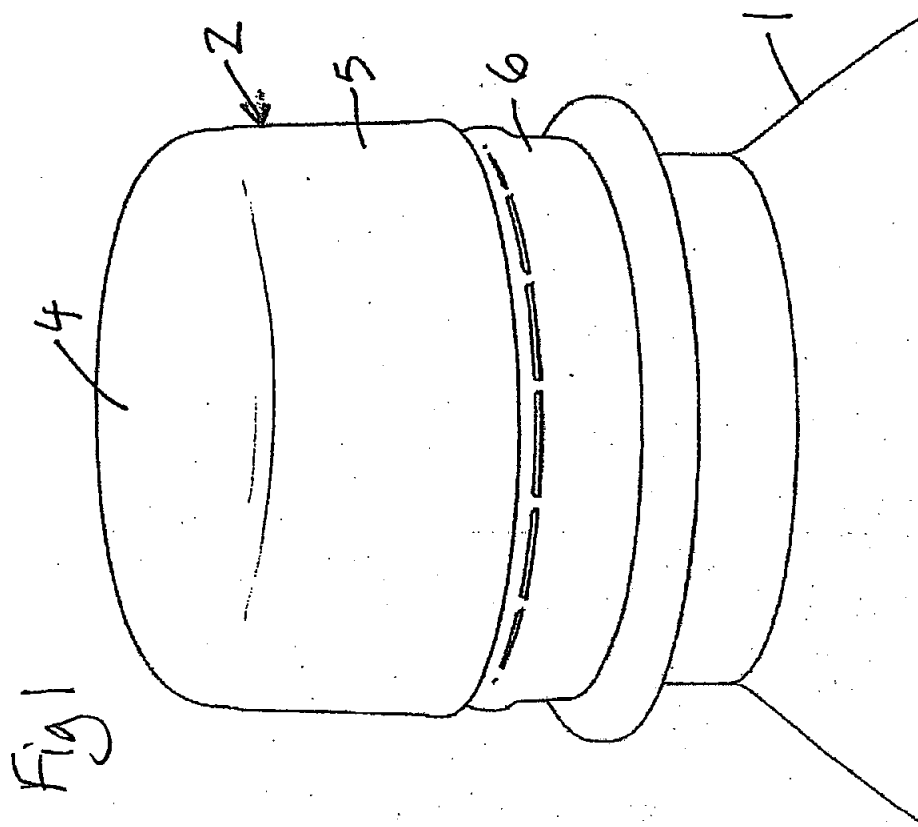
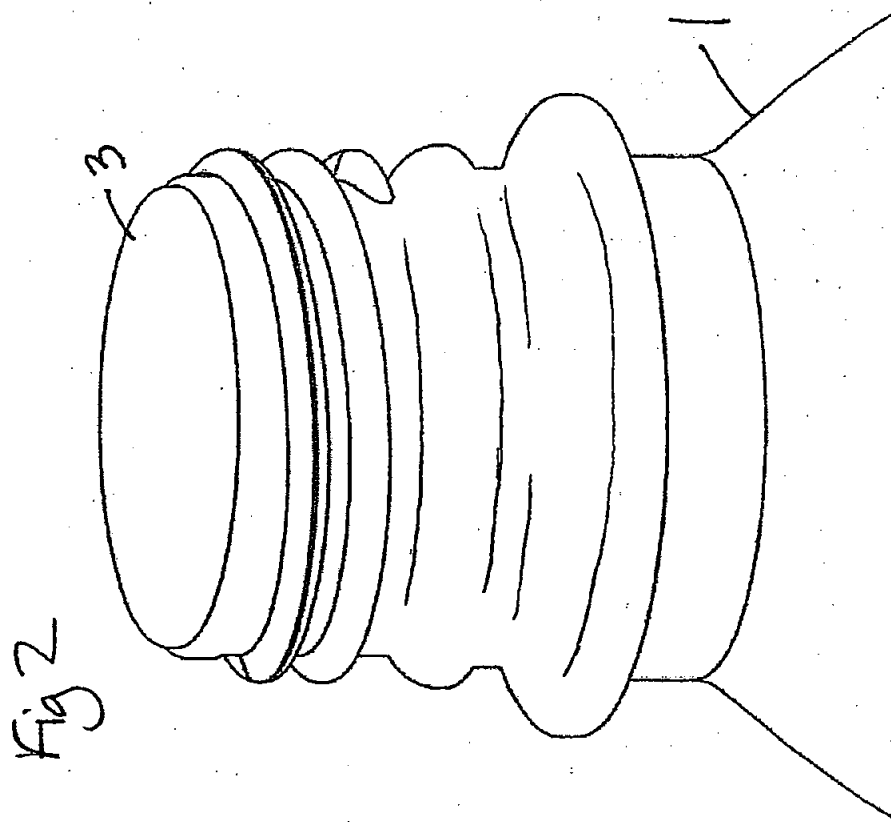


Fig 3

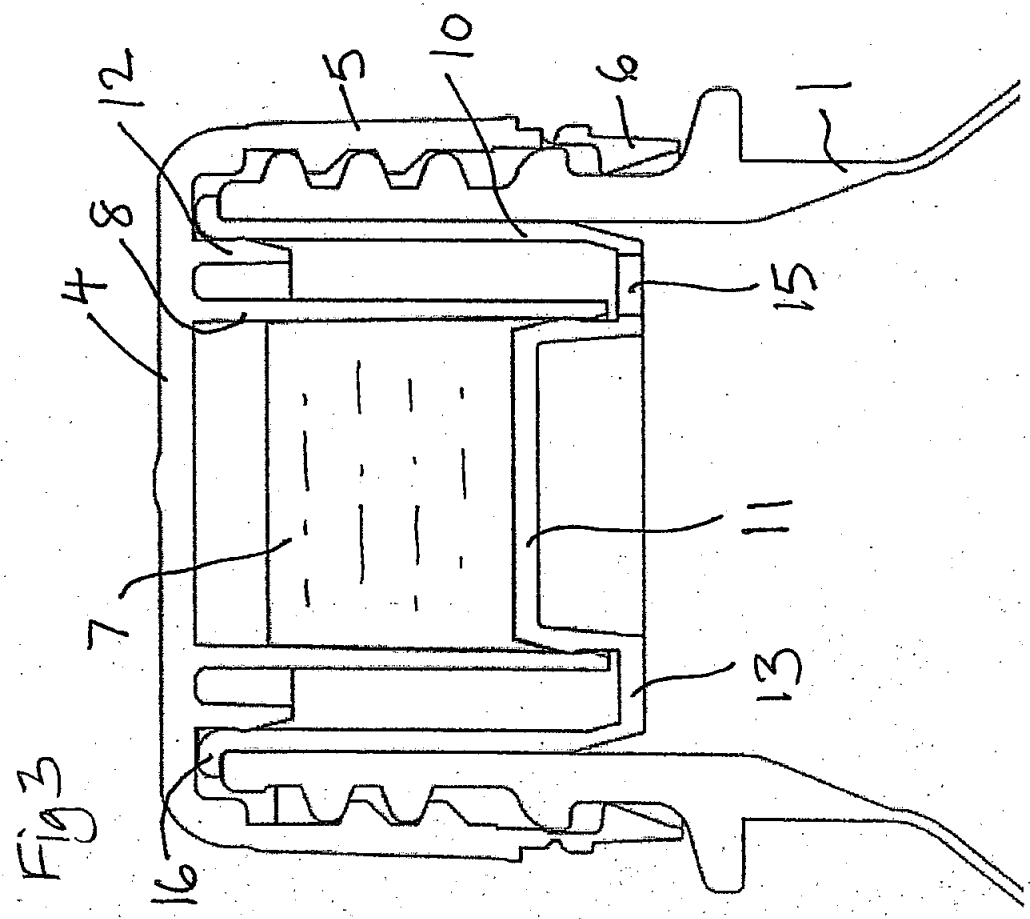
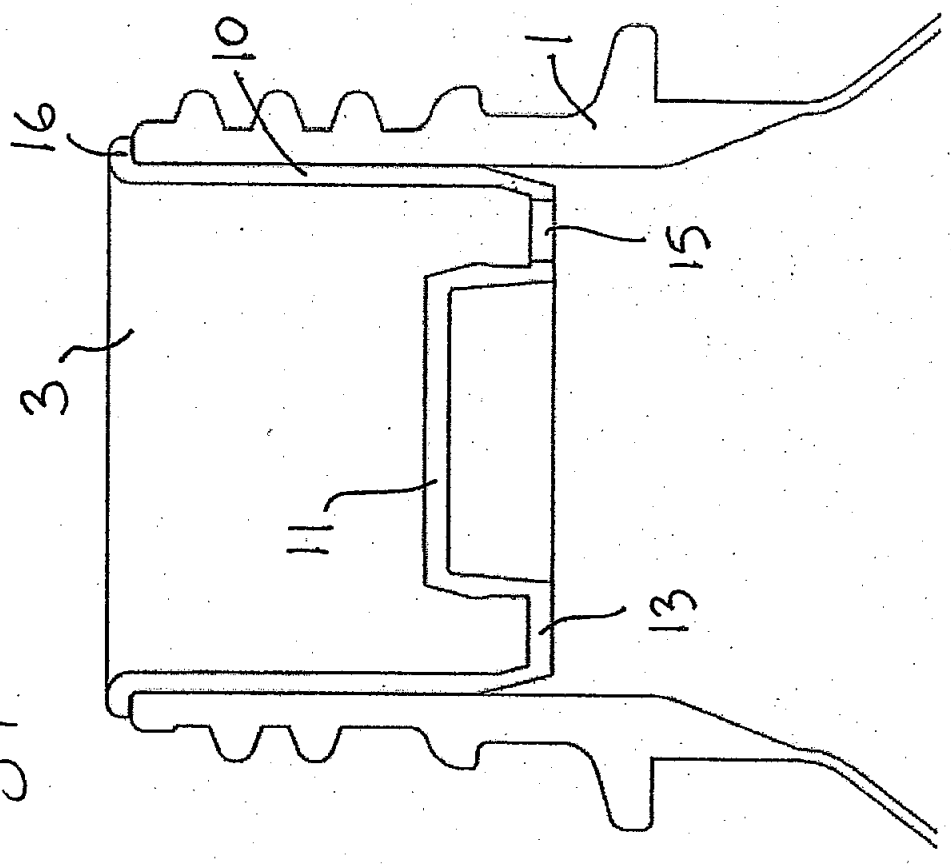
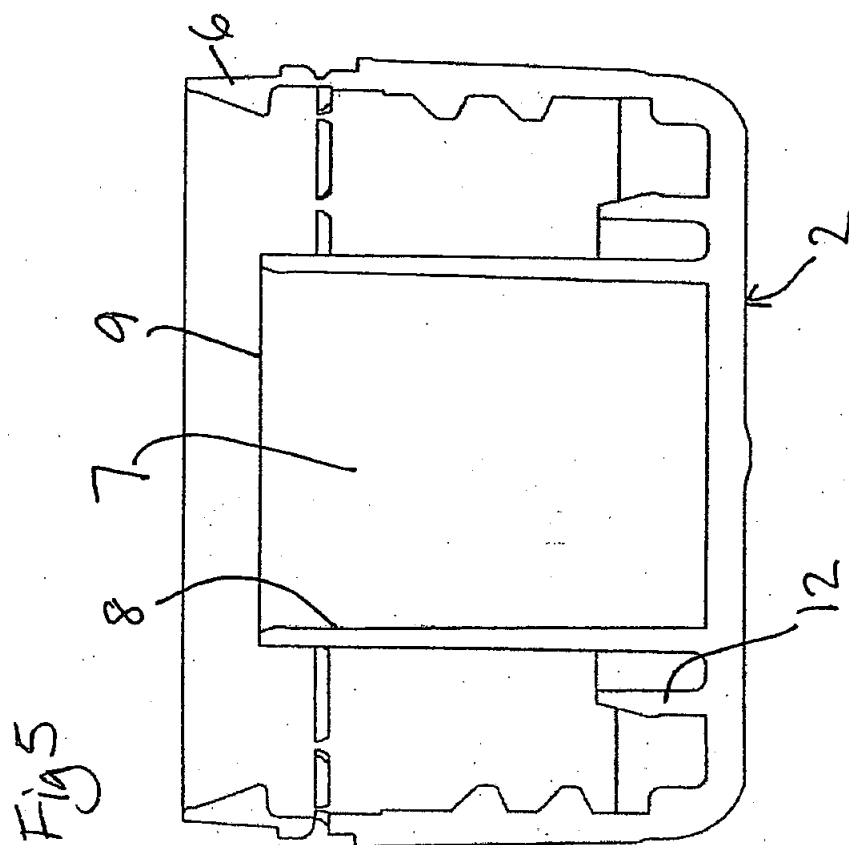
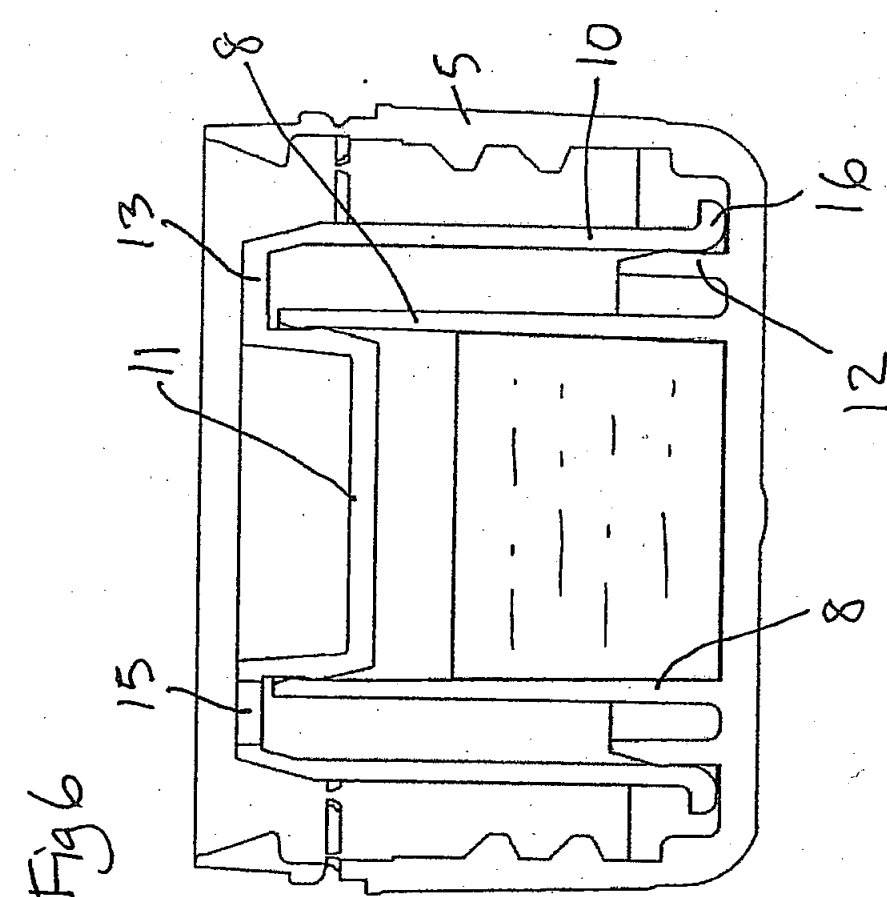
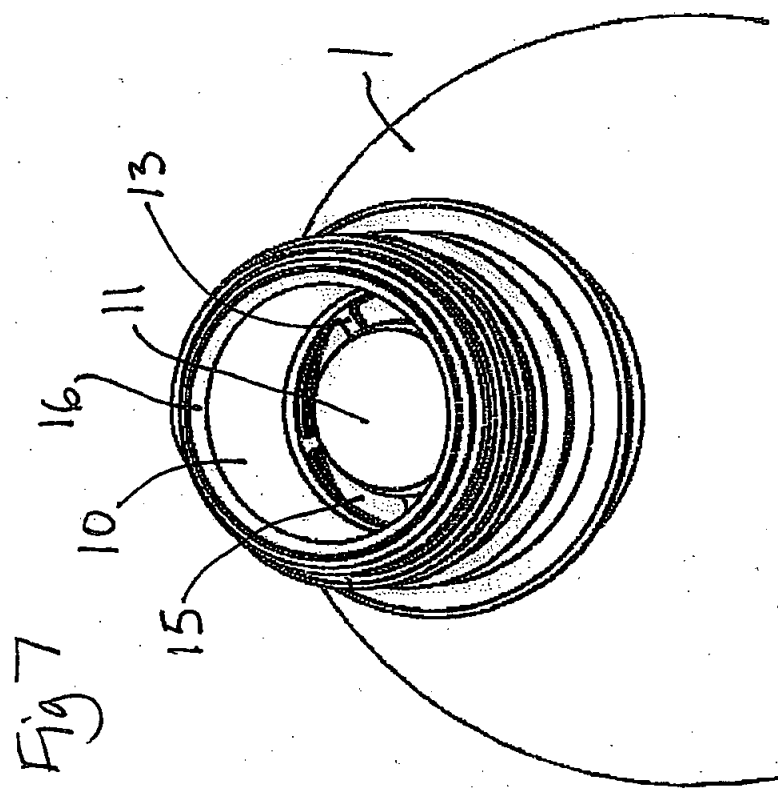
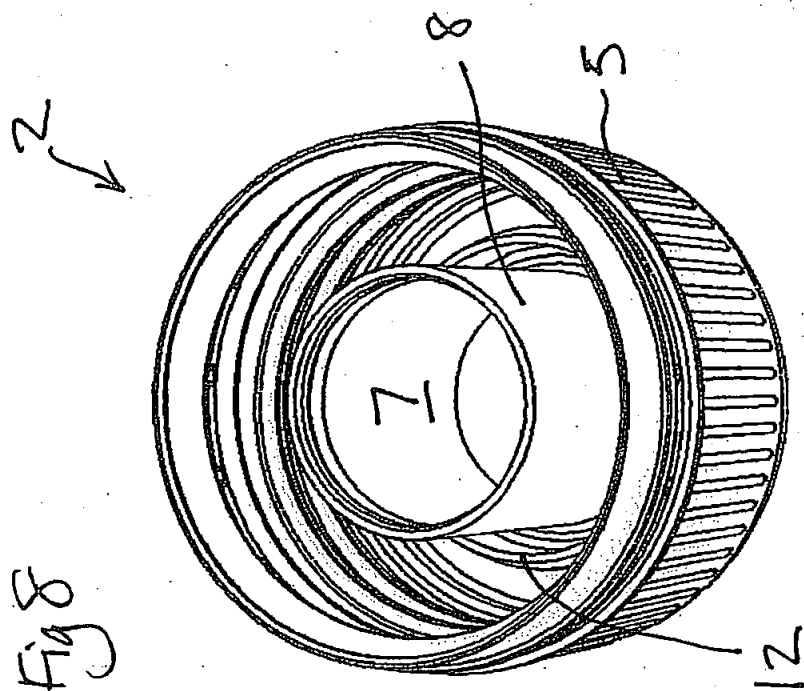


Fig 4





40



INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2006/064724

A. CLASSIFICATION OF SUBJECT MATTER
INV. B65D41/34 B65D51/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/200741 A1 (CHO YOUNG KOOK) 14 October 2004 (2004-10-14)	1,3,5-7
Y	page 2, paragraph 23 - page 3, paragraph 30; figures 1-4	2
X	EP 1 477 421 A (NIPPON TANSAN GAS CO., LTD) 17 November 2004 (2004-11-17)	1,2,6,7
Y	column 6, line 25 - column 7, line 1; figures 1,2	2
X	DE 298 20 062 U1 (KAESMACHER GMBH & CO. KG, 52222 STOLBERG, DE) 25 February 1999 (1999-02-25)	1,2,6,7
	page 4, line 25 - page 5, line 26; figure 1	
	----- -/-	

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

4 September 2006

Date of mailing of the international search report

19/09/2006

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Derrien, Y

INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2006/064724

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/200740 A1 (CHO YOUNG KOOK) 14 October 2004 (2004-10-14) page 2, paragraph 24 - paragraph 30; figures 1,2	1,6,7

43

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2006/064724

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2004200741	A1	14-10-2004	NONE	
EP 1477421	A	17-11-2004	JP 2004338751 A US 2004226835 A1	02-12-2004 18-11-2004
DE 29820062	U1	25-02-1999	NONE	
US 2004200740	A1	14-10-2004	NONE	

42

PATENT COOPERATION TREATY

44

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

To:
HEPP WENGER RYFFEL-AG
Attn. Hepp, Dieter
Friedtalweg 5
CH-9500 Wil
SUISSE

EINGEGANGEN - RECEIVED

18. Sep. 2006

HEPP WENGER RYFFEL

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT AND
THE WRITTEN OPINION OF THE INTERNATIONAL
SEARCHING AUTHORITY, OR THE DECLARATION

(PCT Rule 44.1)

Applicant's or agent's file reference PC0138W0	Date of mailing (day/month/year) 19/09/2006
International application No. PCT/EP2006/064724	International filing date (day/month/year) 27/07/2006
Applicant OBRIST CLOSURES SWITZERLAND GMBH	Fristenkontrolle Blau: 17.10.2006 Rot: 17.11.2006

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:
The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally two months from the date of transmittal of the International Search Report.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 338.82.70

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Reminders**

Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

Name and mailing address of the International Searching Authority European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Maria Zinburgova
--	--

43

45

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only (see *PCT Applicant's Guide*, Volume I/A, Annexes B1 and B2).

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see *PCT Applicant's Guide*, Volume I/A, paragraph 296).

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PC0138W0	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2006/064724	International filing date (day/month/year) 27/07/2006	(Earliest) Priority Date (day/month/year) 12/08/2005
Applicant OBRIST CLOSURES SWITZERLAND GMBH		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No. III)

4. With regard to the **title**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 3
☐ as suggested by the applicant
☐ as selected by this Authority, because the applicant failed to suggest a figure
☒ as selected by this Authority, because this figure better characterizes the invention
b. ☐ none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

47

International application No
PCT/EP2006/064724

A. CLASSIFICATION OF SUBJECT MATTER
INV. B65D41/34 B65D51/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/200741 A1 (CHO YOUNG KOOK) 14 October 2004 (2004-10-14)	1, 3, 5-7
Y	page 2, paragraph 23 - page 3, paragraph 30; figures 1-4	2
X	EP 1 477 421 A (NIPPON TANSAN GAS CO., LTD) 17 November 2004 (2004-11-17)	1, 2, 6, 7
Y	column 6, line 25 - column 7, line 1; figures 1, 2	2
X	DE 298 20 062 U1 (KAESMACHER GMBH & CO. KG, 52222 STOLBERG, DE) 25 February 1999 (1999-02-25) page 4, line 25 - page 5, line 26; figure 1	1, 2, 6, 7
	----- -/--	

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

4 September 2006

Date of mailing of the international search report

19/09/2006

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Derrien, Y

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2006/064724

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/200740 A1 (CHO YOUNG KOOK) 14 October 2004 (2004-10-14) page 2, paragraph 24 - paragraph 30; figures 1,2	1,6,7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2006/064724

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004200741 A1	14-10-2004	NONE	
EP 1477421 A	17-11-2004	JP 2004338751 A US 2004226835 A1	02-12-2004 18-11-2004
DE 29820062 U1	25-02-1999	NONE	
US 2004200740 A1	14-10-2004	NONE	

PATENT COOPERATION TREATY

50

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

see form PCT/ISA/220

PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing

(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION

See paragraph 2 below

International application No.
PCT/EP2006/064724

International filing date (day/month/year)
27.07.2006

Priority date (day/month/year)
12.08.2005

International Patent Classification (IPC) or both national classification and IPC
INV. B65D41/34 B65D51/28

Applicant

OBRIST CLOSURES SWITZERLAND GMBH

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Date of completion of
this opinion

see form
PCT/ISA/210

Authorized Officer

Derrien, Yannick

Telephone No. +49 89 2399-2622



**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/EP2006/064724

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of:
 - ☒ the international application in the language in which it was filed
 - ☐ a translation of the international application into , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1 (b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material:
 - ☐ on paper
 - ☐ in electronic form
 - c. time of filing/furnishing:
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in electronic form.
 - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

52

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/EP2006/064724

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	4
	No: Claims	1-3, 5-7
Inventive step (IS)	Yes: Claims	4
	No: Claims	1-3, 5-7
Industrial applicability (IA)	Yes: Claims	1-7
	No: Claims	

2. Citations and explanations

see separate sheet

57

1. The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1 is not new in the sense of Article 33(2) PCT.

Document **D1=US-A-US2004/0200741** (figure 1) discloses a closure assembly comprising:
-a closure cap (50) having an upper wall and a cylindrical skirt (50)
-a sealing member (14) which closes the dispensing opening of the reservoir and remains held within the neck of the container when the closure cap is removed from the container.

Document **D2=EP-A-1 477 421** discloses a closure assembly having
-a closure cap (12) with a reservoir (14)
-a sealing member (13 combined with the sleeve 6) for closing the dispensing opening of the reservoir.

Document **D3=DE-U-29820062** (figure 1) discloses a closure assembly comprising:
-a closure cap (50) having an upper wall (14) and a cylindrical skirt (9)
-a sealing member (7) which closes the dispensing opening of the reservoir and remains held within the neck of the container when the closure cap is removed from the container.

2. The subject-matter of claim 7 is not new in the sense of Article 33(2) PCT.

In addition to the features recited therein above, document D1 shows that the closure cap is formed with a screw thread on the inside of the depending skirt with fits to the external screw thread of the neck.

3. The dependent claims 2,3,5,6 concern features which are well known in the art or which are adaptations falling within the scope of customary practice followed by the skilled person, such that these claims do not appear to contain any additional features which are new and involve an inventive step as required by Article 33(2) and (3) PCT, when combined with the subject-matter of any claim to which they refer. In particular:

As to claim 2: In D2, respectively in D3, the reservoir is bounded by a cylindrical wall (15, respectively 10).

Further, in view of the possibility of forming the reservoir with a cylindrical wall taught in D2 and D3, the skilled person would also consider forming the reservoir of the cap shown in

D1 with a cylindrical wall extending directly from the underside of the upper wall.

As to claim 3: according to D1, the sealing member comprises a cylindrical bore (24), radial bridges (124) and a plug (14), having the claimed functionalities.

As to claim 5: see D1 page 3 line 6, sealing means 14S.

4. The features of claim 4 in combination with claims 2 and 3 are not disclosed in the available prior art.

55

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 08-009979-00000-0000

Fecha: 2008-02-01 15:55:22
Tra. 11 PATENTEIYII
Act. 411 PRESENTACION

Dep. 2020 NUECREACION
Eve: 378 FASENACIONAL
Folios: 53



Industria y Comercio
SUPERINTENDENCIA

REQUISITOS MINIMOS PARA ADMISION A TRAMITE PCT

PATENTE DE INVENCION []

MODELO DE UTILIDAD []

- ◆ Indicación de que se solicita la concesión de una patente. []
- ◆ Datos de identificación del solicitante o de la persona que presenta la solicitud []
- ◆ Descripción de la invención []
- ◆ Dibujos de ser estos pertinentes []
- ◆ Comprobante de pago de las tasas establecidas []

COMPLETA []

INCOMPLETA []

DISEÑO INDUSTRIAL []

- ◆ Indicación de que se solicita el registro de Diseño Industrial []
- ◆ Datos de identificación del solicitante o de la persona que presenta la solicitud []
- ◆ Representación gráfica y fotográfica del Diseño Industrial o muestra del material que incorpora el diseño []
- ◆ Comprobante de pago de las tasas establecidas []

COMPLETA []

INCOMPLETA []

ESQUEMA DE TRAZADO []

- ◆ Indicación de que se solicita el registro de un Esquema de Trazado []
- ◆ Datos de identificación del solicitante o de la persona que presenta la solicitud []
- ◆ Representación gráfica del esquema trazado []
- ◆ Comprobante de pago de las tasas establecidas []

COMPLETA []

INCOMPLETA []

Firma Responsable _____

Fecha _____

Carrera 13 No. 27-00 Piso 5, 7 y 10

Conmutador: 3 82 08 40

Fax: 350 52 20

E-mail: info@sic.gov.co

www.sic.gov.co

Bogotá, D.C., Colombia

56

REPUBLICA DE COLOMBIA
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

Bogotá,
2020

Doctor(a)
RODRIGUEZ DILIA MARIA
Apoderado(a) y/o Representante de
OBRIST CLOSURES SWITZERLAND GMBH

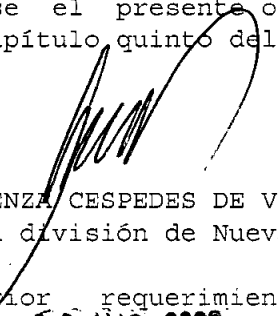
REFERENCIA	Radicación No.	8 9979
	Solicitud internacional	PCT/EP2006/064724
	Fecha inicio fase nacional	12/03/2008
	Trámite	11
	Evento	378
	Actuación	430
	Oficio No.	4176

Como resultado del examen de forma, realizado con fundamento en el artículo 38 de la Decisión 486 de la Comisión de la Comunidad Andina, artículo 27 del Tratado de Cooperación en Materia de Patentes (PCT), regla 51 bis del Reglamento y Circular Única de la Superintendencia de Industria y Comercio, se le comunica que:

1. La solicitud no contiene la copia del documento en que consta la cesión del derecho a la patente del inventor al solicitante o a su causante. (Art. 26-k) Decisión 486.

En cumplimiento de lo dispuesto por el artículo 39 de la Decisión 486, se le requiere para que dentro del término de dos meses siguientes a la fecha de notificación del presente oficio, complete los requisitos anteriormente enunciados. En caso de no dar cumplimiento al presente requerimiento, la solicitud se considerará abandonada y perderá su prelación.

Notifíquese el presente oficio conforme a lo dispuesto en el numeral 5.2, literal e), del capítulo quinto del título primero de la Circular Unica No.10 de 2001.


ALIX CARMENZA CESPEDES DE VERGEL
Jefe de la división de Nuevas Creaciones

El anterior requerimiento fue notificado por fijación en lista de
fecha 28 MAR. 2008
jfernand