



New connection on: : 11-04-2018 : 08:13:59 - Last disconnection on: : 11-04-2018 : 05:36:33

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 8] ..fiepodoc

 Database: EPODOC

[EPODOC: SS 8] (container or recipient or bag) and flexible and (polymer+ or plastic)

Results in EPODOC 7.449

[SS 9] * and PD<2014-07-16

Results in EPODOC 6.694

[SS 10] * and c\B65D\low

Results in EPODOC 0

EPODOC: term 'C\B65D\LOW' not found in index 'BI'. WARNING(1)

[SS 11] * and B65Dc\low

Results in EPODOC 0

EPODOC: term 'B65DC\LOW' not found in index 'BI'. WARNING(1)

[SS 12] * and B65D\c\low

Results in EPODOC 0

EPODOC: term 'B65D\C\LOW' not found in index 'BI'. WARNING(1)

[SS 13] * and B65D/c/low

Results in EPODOC 0

[SS 14] 9 and B65D/c/low

Results in EPODOC 2.329

[SS 15] 9 and B65D75/c/low

Results in EPODOC 363

[SS 16] * and (nozzle or opening)

Results in EPODOC 120

[SS 17] ..v

[EPODOC: SS 17] ..li 1-10



1/120 © EPODOC / EPO

PN - [US2014183063](#) A1 20140703

PNFP - US9119450 B2 20150901

PR - US201314108459
20131217; US201261745105P
20121221

AP - US201314108459 20131217

DT - **

CT - || R141 (A1)
[US5418022](#) A 19950523 [
] (ANDERSON GREGORY J [US], et
al);
[US2007033906](#) A1 20070215 [
] (KERNICK EDWARD R [US], et al);
[US7410050](#) B2 20080812 [] (PY
DANIEL [US], et al);
[US2009045080](#) A1 20090219 [
] (O'NEILL TREVOR F [IE], et al);
[US7967133](#) B2 20110628 [
] (NEWMAN STEPHEN D [SG]);
[US8459445](#) B2 20130611 [
] (NEWMAN STEPHEN D [SG]);
[US2014246337](#) A1 20140904 [
] (NEWMAN STEPHEN D [SG]);
[US2014284229](#) A1 20140925 [
] (NEWMAN STEPHEN D [SG]);
[US4955580](#) A 19900911 [
] (SEDEN WILLIAM E [GB], et al);
[US5036971](#) A 19910806 [
] (SEDEN WILLIAM E [GB], et al);
[US2002046958](#) A1 20020425 [
] (LIPSCOMB LANCE KYLE [US], et
al);

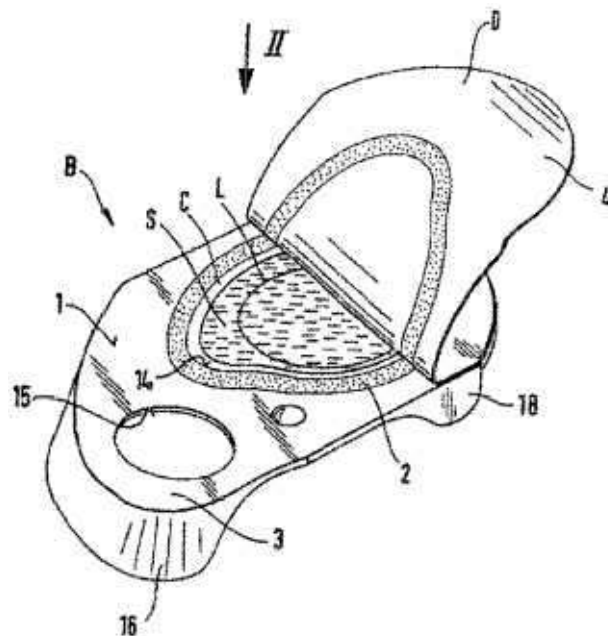


Fig. 1

[US2009236239](#) A1 20090924 [] (YAMADA YOSHITAKA [JP], et al);
[US2011180429](#) A1 20110728 [] (JOSEPHSON JOSHUA ELLIS [CA], et al);
[US2015114851](#) A1 20150430 [] (ENGLISH STEPHEN [GB], et al)
- || STSE (B2)
[US4955580](#) A 19900911 [] (SEDEN WILLIAM E [GB], et al);
[US5036971](#) A 19910806 [] (SEDEN WILLIAM E [GB], et al);
[US5418022](#) A 19950523 [] (ANDERSON GREGORY J [US], et al);
[US7410050](#) B2 20080812 [] (PY DANIEL [US], et al);
[US7967133](#) B2 20110628 [] (NEWMAN STEPHEN D [SG]);
[US8459445](#) B2 20130611 [] (NEWMAN STEPHEN D [SG]);
[US2002046958](#) A1 20020425 [] (LIPSCOMB LANCE KYLE [US], et al);
[US2007033906](#) A1 20070215 [] (KERNICK EDWARD R [US], et al);
[US2009045080](#) A1 20090219 [] (O'NEILL TREVOR F [IE], et al);
[US2009236239](#) A1 20090924 [] (YAMADA YOSHITAKA [JP], et al);
[US2011180429](#) A1 20110728 [] (JOSEPHSON JOSHUA ELLIS [CA], et al);
[US2014246337](#) A1 20140904 [] (NEWMAN STEPHEN D [SG]);
[US2014284229](#) A1 20140925 [] (NEWMAN STEPHEN D [SG]);
[US2015114851](#) A1 20150430 [] (ENGLISH STEPHEN [GB], et al)

CCI - [B65B25/008](#) ; [B65B51/10](#)
CUI - [A45C11/005](#)
CCA - [B29L2011/0041](#) ;
[B29L2031/7164](#) ; [B29C65/08](#) ;
[B29C65/18](#) ; [B29C65/76](#) ;
[B29C66/112](#) ; [B29C66/131](#) ;
[B29C66/242](#) ; [B29C66/244](#) ;
[B29C66/53461](#) ; [B29C66/7373](#) ;
[B29C66/81433](#) ; [B29C66/81435](#) ;

[B65D75/326](#) ; [B65D2575/3245](#) ;
[B65D2585/545](#)

- PA - (A1 B2)
NOVARTIS AG [CH]
- TI - (A1)
Contact Lens Package
- (B2)
Contact lens package
- AB - (A1 B2)
A **plastic container** for storing a hydrogel contact lens in a liquid, the **container** comprising: a cavity and a substantially flat flange that extends in a plane around the **opening** periphery of the cavity, and the flange having a sealing area round the circumference of the cavity. Furthermore, the sealing area has a micro-texture pattern. When sealing the **container** with a **flexible** cover sheet which is a laminate material having a metal foil layer and at least one **polymer** layer to form a storage package of the soft contact lens, the micro-texture pattern of the sealing area engages a laminate foil cover and displaces water beads present between the laminate foil cover and the **plastic container** in the sealing area around the cavity to form a heat seal.

PN - [WO2014095837](#) A1 20140626
 PR - US201261745105P 20121221
 AP - WO2013EP76869 20131217
 DT - *; Rep
 CT - |EP| ISR (A1)
 [EP1277416](#) A2 20030122
 [XAY] (MENICON CO LTD [JP])
 [X] 1,11
 * abstract *
 * paragraph [0009] *
 * paragraph [0028] *
 * paragraph [0034] *
 [A] 5-8,15-18
 [Y] 2-4,12-14;
 [US2009113851](#) A1 20090507
 [YA] (CARR STEPHEN N [US], et al)
 [Y] 2-4,12-14
 * abstract *
 * paragraph [0006] -
 paragraph [0007] *
 [A] 1,5-11,15-18;
 [US2011094898](#) A1 20110428
 [A] (TANG JIA PENG [SG], et al)
 [A] 1-18
 * abstract *;
 [US2009107855](#) A1 20090430
 [A] (GAULT SCOTT J [US], et al)
 [A] 1-18
 * paragraph [0006] -
 paragraph [0011]; figures 1, 4;
 claims 1,25 *

 CCI - [B65B25/008](#) ; [B65B51/10](#)
 CUI - [A45C11/005](#)
 CCA - [B29L2011/0041](#) ;
 [B29L2031/7164](#) ; [B29C65/08](#) ;
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 [B29C66/112](#) ; [B29C66/131](#) ;
 [B29C66/242](#) ; [B29C66/244](#) ;
 [B29C66/53461](#) ; [B29C66/7373](#) ;
 [B29C66/81433](#) ; [B29C66/81435](#) ;
 [B65D75/326](#) ; [B65D2575/3245](#) ;
 [B65D2585/545](#)

 PA - NOVARTIS AG [CH]
 TI - CONTACT LENS PACKAGE
 AB - A **plastic container** (B) for storing
 a hydrogel contact lens (L) in a
 liquid (S), the **container** (B)

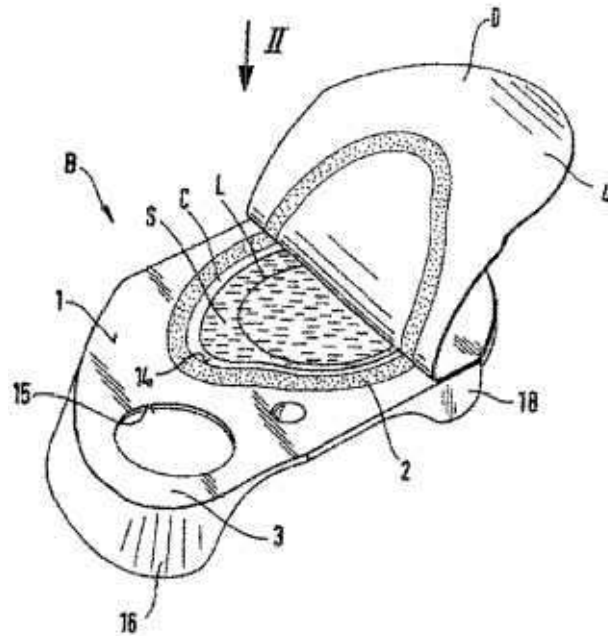


Fig. 1

comprising: a cavity (C) and a substantially flat flange (1) that extends in a plane around the **opening** periphery of the cavity (C), and the flange (1) having a sealing area (2) round the circumference of the cavity (C). Furthermore, the sealing area (2) has a micro-texture pattern (20D). When sealing the **container** (C) with a **flexible** cover sheet (D) which is a laminate material having a metal foil layer and at least one **polymer** layer to form a storage package of the soft contact lens (L), the micro-texture pattern (20D) of the sealing area (2) engages a laminate foil cover (D) and displaces water beads present between the laminate foil cover (D) and the **plastic container** (B) in the sealing area (2) around the cavity (C) to form a heat seal.

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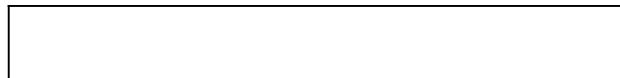
- PN - [US2013315508](#) A1 20131128
- PNFP - US9321559 B2 20160426
- PR - JP20110028070 20110214; WO2012JP53040 20120210
- AP - US201213984360 20120210
- DT - **
- CT - || STSE (B2)
 - [US3184121](#) A 19650518 [] (VOLCKENING LLOYD I)
 - [US4830205](#) A 19890516 [] (HAMMOND JOHN M [GB], et al)
 - [US4974732](#) A 19901204 [] (SULLIVAN TIMOTHY R [US], et al)
 - [US5018646](#) A 19910528 [] (BILLMAN FRED L [US], et al)
 - [US5863131](#) A 19990126 [] (NAKAMURA TOSHIO [JP])
 - [US2002141664](#) A1 20021003 [] (MATSUDA NAOTO [JP], et al)
 - [US2003146247](#) A1 20030807 [] (OREN ISHAI [IL], et al)
 - [US2008264970](#) A1 20081030 [] (KASAI YOSHIKAZU [JP])
 - [US2010119783](#) A1 20100513 [] (FUTASE KATSUNORI [JP])
 - [US2010209025](#) A1 20100819 [] (FUTASE KATSUNORI [JP])
- || R141 (A1)
 - [US3184121](#) A [];
 - [US4830205](#) A [];
 - [US5863131](#) A [];

[US2002141664](#) A1 [];
[US2003146247](#) A1 [];
[US2008264970](#) A1 [];
[US2010119783](#) A1 [];
[US2010209025](#) A1 [];
[US4974732](#) A [];
[US5018646](#) A []

CCI - [B65D75/5811](#) ; [B65D75/5866](#)
 CQI - [B65D33/24](#)
 CCA - [B65D75/008](#)
 PA - (A1 B2)
 FUTASE KATSUNORI [JP]; YUSHIN CO LTD [JP]
 TI - (A1 B2)
FLEXIBLE PACKAGING BAG
 AB - (A1 B2)
 A **flexible** package **bag** is equipped with a film-shape non-return **nozzle** by which a pouring amount of a liquid packed material can be stabilized by rectifying a pouring flow of the liquid packed material. The pouring performance and breaking resistance of the **bag** can be improved by reinforcing the film-shaped non-return **nozzle**. A **flexible** package **bag** is formed by fusion-joining a base end portion of a film-shaped non-return **nozzle** having an outer non-return function of preventing penetration of ambient air into the **bag** to inner surfaces of a side portion of a main package **bag** body composed of **plastic** laminate films and projecting therefrom. A seal section for rectification/reinforcement formed by fusing two opposed **plastic** laminate films is disposed at a position near to the main package **bag** body including a lower portion of a fused section to the base end portion of the film shaped non-return **nozzle**.

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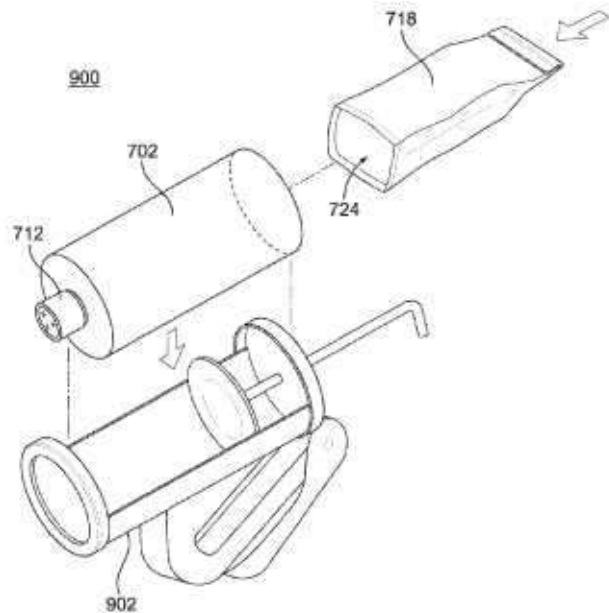
PN - [CN103370261](#) A 20131023
 PNFP - CN103370261B B 20150304
 PR - WO2012JP53040
 20120210; JP20110028070
 20110214
 AP - CN2012808925 20120210
 DT - I
 CT - || STSE (A)
[JP2010260614](#) A 20101118
 [Y] (YUSHIN KK)
 [Y]
[WO2011016573](#) A1 20110210
 [A] (FUTASE KATSUNORI [JP], et al)
 [A]
[WO2010150911](#) A1 20101229
 [Y] (YUSHIN CO LTD [JP], et al)
 [Y]
[US5378065](#) A 19950103



	[A] (TOBOLKA STEFAN [CA])
	[A]
	CN1203557 A 19981230
	[Y] (ARKMOUNT SYSTEMS INC
	[CA])
	[Y]
CCI	- B65D75/5811 ; B65D75/5866
CQI	- B65D33/24
CCA	- B65D75/008
PA	- (A B)
	YUSHIN CO LTD
TI	- (A B)
	Flexible packaging bag
AB	- (A)
	To provide a flexible
	packaging bag comprising a film-
	like one-way nozzle , capable of
	rectifying discharged fluid of a
	packaged article to stabilize a
	spouted amount, capable of
	discharging the packaged article
	smoothly even when there is a
	small amount of the packaged
	article inside the bag , and
	capable of reinforcing the film-
	like one-way nozzle to improve
	discharge performance and bag -
	tearing strength. A flexible
	packaging bag obtained by
	fusion-bonding the proximal end
	of a film-like one-way nozzle ,
	having an outer-side one-way
	function for inhibiting outside
	air from entering the bag , onto a
	lateral inside surface of a
	packaging bag body composed of
	a laminated plastic film, wherein
	a rectifying/reinforcing seal part
	formed by sealing together two
	laminated plastic films that face
	each other is formed in an
	position in the vicinity of the
	packaging bag body which
	includes the bottom of the fused
	part of the film-like one-
	way nozzle proximal end.

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- PN - [US2013233886](#) A1 20130912
- PNFP - US9694944 B2 20170704
- PR - US201213413608 20120306
- AP - US201213413608 20120306
- DT - *; Rep
- CT - || R141 (A1)
[US3638835](#) A 19720201 [
] (GOODRICH EUGENE E, et al);
[US5429273](#) A 19950704 [
] (KING DAVID C [CA], et al);
[US2006016835](#) A1 20060126 [
] (PERRY TIMOTHY [GB]);
[US3549049](#) A 19701222 [
] (WEBER ALWIN);
[US2003170356](#) A1 20030911 [
] (YUAN JAMES T C [US], et al);
[US7775399](#) B2 20100817 [
] (WOOD BRUCE [GB]);
[US6759071](#) B2 20040706 [
] (NYE REBECCA R [US], et al);
[US6685691](#) B1 20040203 [
] (FREUND BERNHARD [DE], et al);
[US2004164043](#) A1 20040826 [
] (HAKIM NOURI E [US]);
[US4469250](#) A 19840904 [
] (EVEZICH PAUL D [US]);
[US2006065132](#) A1 20060330 [
] (JONGEN TODD [US], et al)
- || STSE (B2)
[US3549049](#) A 19701222 [
] (WEBER ALWIN);
[US3638835](#) A 19720201 [
] (GOODRICH EUGENE E, et al);
[US4469250](#) A 19840904 [
] (EVEZICH PAUL D [US]);
[US5339995](#) A 19940823 [
] (BROWN PAUL E [US], et al);
[US5429273](#) A 19950704 [
] (KING DAVID C [CA], et al);
[US5443181](#) A 19950822 [
] (POPP FRANZ [DE], et al);
[US5634572](#) A 19970603 [] (LANE
JR WILLIAM A [US], et al);
[US6079594](#) A 20000627 [
] (BROWN PAUL E [US], et al);
[US6406763](#) B1 20020618 [
] (WOLF JOHN R [US], et al);



[US6598764](#) B1 20030729 [] (STERN LEIF EINAR [SE]);
[US6685691](#) B1 20040203 [] (FREUND BERNHARD [DE], et al);
[US6759071](#) B2 20040706 [] (NYE REBECCA R [US], et al);
[US7775399](#) B2 20100817 [] (WOOD BRUCE [GB]);
[US2003170356](#) A1 20030911 [] (YUAN JAMES T C [US], et al);
[US2004112915](#) A1 20040617 [] (FRANCZYK CATHERINE [US]);
[US2004164043](#) A1 20040826 [] (HAKIM NOURI E [US]);
[US2006016835](#) A1 20060126 [] (PERRY TIMOTHY [GB]);
[US2006065132](#) A1 20060330 [] (JONGEN TODD [US], et al);
[US2008142545](#) A1 20080619 [] (PRIOLO CATHERINE CHRISTINA [US], et al);
[US2009272767](#) A1 20091105 [] (HERMAN TIMM [US], et al);
[US2011006076](#) A1 20110113 [] (WILLIAMS MARK [US]);
[US2012065608](#) A1 20120315 [] (COSTELLO MARK MARTIN [IE], et al)

CCI - [B65D75/5827](#) ; [B65D35/08](#) ;
[B65D35/30](#)

CUI - [B65D41/20](#)

PA - (A1)
 LONG BARBARA [US]; PRINCE CASTLE INC [US]
 - (B2)
 LONG ROBERT [US]; LONG BARBARA [US]; EATON EDWARD [US]; VELTROP LOREN [US]; LARSON ERIC [US]; PRINCE CASTLE LLC [US]

TI - (A1)
 Dispenser for Viscous Food Products
 - (B2)
 Dispenser for viscous food products

AB - (A1)
 A dispenser for viscous foods

like condiments, batter and syrups employs a **flexible plastic bag** made of a **flexible plastic** material, one side of which or one end of which is formed to have a self-sealing, orifice formed in the wall of the **bag** by two slices or cuts in the **plastic** material. The cuts or slices form **flexible** vanes which deflect outwardly responsive to pressure from a viscous material and which return to their original shape when pressure on the food product is reduced or eliminated.

- (B2)

A dispenser for viscous foods like condiments, batter and syrups employs a **flexible plastic bag** made of a **flexible plastic** material. The dispenser includes a cylinder having an annulus and defining an open interior. The cylinder receives the **flexible plastic bag** within the open interior. The cylinder includes a threaded **nozzle** that extends away from the open interior. A dispensing cap threadably engages the threaded **nozzle** and includes a hollow tube and at least one knife edge which extends past the annulus into the open interior.

PN - [WO2014000921](#) A1 20140103
 PR - DE201210211137 20120628
 AP - WO2013EP58973 20130430
 DT - **
 CT - |EP| ISR (A1)
[DE102010029069](#) A1 20111124
 [Y] (BOSCH GMBH ROBERT [DE])
 [Y] 1-9
 * paragraph [0001] -
 paragraph [0010]; figures 1-10 *;
[EP1892417](#) A2 20080227 [Y] (ITT
 MFG ENTERPRISES INC [US])
 [Y] 1-9
 * paragraph [0001] -
 paragraph [0034] *;
[DE2931495](#) A1 19810226
 [Y] (LANG APPARATEBAU GMBH)
 [Y] 1-9
 * claim 1 *;
[EP2143658](#) A1 20100113
 [A] (RUSTYDOG INC [PA])
 [A] 1
 * abstract *;
[US2008110929](#) A1 20080515
 [A] (STANLEY TRAASDAHLE
 LAWRENCE [US], et al)
 [A] 1
 * abstract *

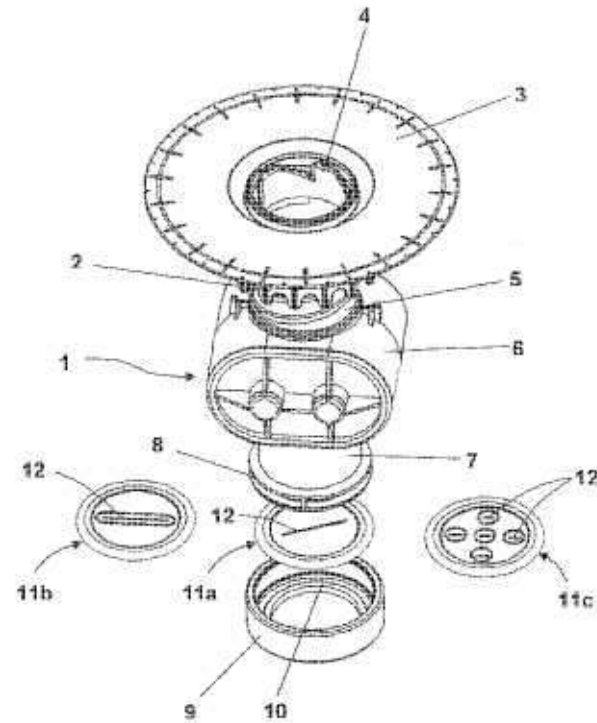
CCI - [F01C21/007](#) ; [F04B15/02](#) ;
[F04C13/00](#) ; [F04C15/066](#)

CCA - [B65D75/5877](#) ; [F04C2/126](#) ;
[F04C13/001](#)

PA - BOSCH GMBH ROBERT [DE]

TI - **FLEXIBLE CONTAINER WITH A
 DISPOSABLE PUMP**

AB - In a **flexible container**
 comprising a disposable pump
 (1) made of **plastic**, the
 disposable pump (1) has a pump
 housing (6), which has an
 inlet **opening** that communicates
 with the **flexible container**, and
 an outlet **nozzle** (7) that lies
 opposite the inlet **opening**. In the
 pump housing (6), two rotors are
 arranged which can be driven
 contradiirectionally, are



sealingly mounted, and which lie in abutment so as to be mutually sealing. The outlet **nozzle** (7) has a thread (8) on which a union nut (9) is screwed which has a terminal collar (10) that is orientated towards the centre. At least one elastic diaphragm (11, 11a, 11b, 11c) that has a self-closing discharge **opening** is held between the union nut (9) and the outlet-side end of the outlet **nozzle** (7) in a clamping and replaceable manner.

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- PN - [US2013098784](#) A1 20130425
- PR - DE201120106994U 20111021
- AP - US201213545998 20120711
- DT - **
- CT - || R141 (A1)
[US2009056281](#) A1 [];
[US2011079607](#) A1 []
- CCI - [B65D75/008](#) ; [B65D75/5811](#) ; [B65D81/3272](#)
- PA - SPENDLOW GLENN ANDREW [DE]; HELMIG MAIK [DE]; BISCHOF & KLEIN [DE]
- TI - Packaging **Container**
- AB - A packaging **container** for at least two components to be mixed with each other has an outer **container** for a first component and at least one inner **container** for a second component arranged inside the outer **container**. The outer **container** and the inner **container** have **container** walls and at least one of the **container** walls is at least partially comprised of **flexible plastic** material. At least the outer **container** has at least one shape-defining sealed seam along one side. The inner **container** is openable by pressure application from the exterior of the outer **container** for mixing the first and second components within the packaging **container**. The outer **container** has an area provided for forming a removal **opening**. The inner **container** has outer dimensions that, when the outer **container** is opened, hinder the inner **container** from exiting to the exterior.

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- PN - [TW201242852](#) A 20121101
- PNFP - TWI464093B B 20141211
- PR - JP20110028070 20110214
- AP - TW20120104659 20120214
- DT - I
- CCI - [B65D75/5811](#) ; [B65D75/5866](#)

CQI - [B65D33/24](#)

CCA - [B65D75/008](#)

PA - (A B)
YUSHIN CO LTD [JP]

TI - (A B)
Flexible package **bag**

AB - (A)
Disclosed is a **flexible** package **bag** provided with a film-shaped one-way pouring **nozzle** which can stabilize a pouring amount by orienting a pouring flow of a packing material, and can conduct the pouring of the packing material smoothly even when the packing material inside the package **bag** becomes small, and can improve the pouring function and **bag**-breaking strength by reinforcing the film-shaped one-way pouring **nozzle**.
The **flexible** package **bag** comprises a package **bag** main body made from a laminate **plastic** film and a film-shaped one-way pouring **nozzle** fusion-joined at its base end portion to an inner surface of a side edge portion of the main body and having a one-way function for preventing invasion of ambient air into the inside of the package **bag**, wherein a sealed portion for orientation-reinforcement formed by sealing opposite two laminate **plastic** films is disposed at a position in the vicinity including a lower part of the fusion-joined portion of the package **bag** main body to the base end portion of the film-shaped one-way pouring **nozzle**.

9/120 © EPODOC / EPO

PN - [WO2013056800](#) A1 20130425

PR - DE201120106994U 20111021

AP - WO2012EP04274 20121012

DT - **

CT - |EP| ISR (A1)
[FR2793220](#) A1 20001110 [XI] (OREAL [FR])
[X] 1,2,4,9,16,17
* page 11, line 6 - page 12, line 14; figures 1,2,6,7; claim 1 *
[I] 8,11-15;
[US2002170832](#) A1 20021121 [XI] (KLAIR SCOTT L [US])
[X] 1-3,6,10,14
* paragraphs [0023] , [0024] , [0034] , [0035] , [0036]; figure 6 *
[I] 11-13,15-17;
[FR2928353](#) A1 20090911 [XYI] (SMAC SARL SARL [FR])
[X] 1,2,4,10,11,16,17
* figure - *
[Y] 5-7
[I] 12-15;
[US2010278459](#) A1 20101104 [YA] (ISHIZAKA KOICHI [JP], et al)
[Y] 5
* column 6, paragraph 6 - paragraph 46; figures 2,3 *
[A] 1,3,16;
[EP2228315](#) A1 20100915 [Y] (3A TECHNOLOGY & MAN AG [CH])
[Y] 6,7
* paragraph [0026]; figure 6 *;

[DE4317613](#) A1 19941201 [A] (WELLA AG [DE])

[A] 1,5

* abstract *;

[DE1486622](#) A1 19690717 [A] (SPIESS C F & SOHN)

[A] 1-17

* page 6, paragraph 2; figures 1,6 *

CCI - [B65D75/008](#) ; [B65D75/5811](#) ; [B65D81/3272](#)

PA - BISCHOF & KLEIN [DE]

TI - PACKAGING **CONTAINER**

AB - The invention relates to a packaging **container** for at least two components (2, 4) to be mixed with each other, in particular for a beverage, comprising an outer **container** (1) for storing a first component (2) and at least one inner **container** (3) arranged within the outer **container** (1) for storing the second component (4). One or more faces (7, 8, 12) of the outer and/or inner **container** (1, 3) consist of a **flexible plastic** at least in some regions, and at least the outer **container** (1) has at least one shaping sealing seam, weld seam, or similar joint (9) along a face. The inner **container** (3) is designed to be openable from the outside by applying pressure in order to mix the second component (4) with the first component (2) within the packaging **container**. The outer **container** (1) has a region (11) that is provided for forming a dispensing **opening**, and the inner **container** (3) has outer dimensions that prevent the inner **container** (3) from exiting outwards when the outer **container** (1) is opened.

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DT - **

CT - [JP] ISR (A1)

[WO2011016573](#) A1 20110210
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[JP2000500721](#) A 20000125
[Y] (ARKMOUNT SYSTEMS INC.);

[WO2010150911](#) A1 20101229
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[JP2010095272](#) A 20100430
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[US5378065](#) A 19950103
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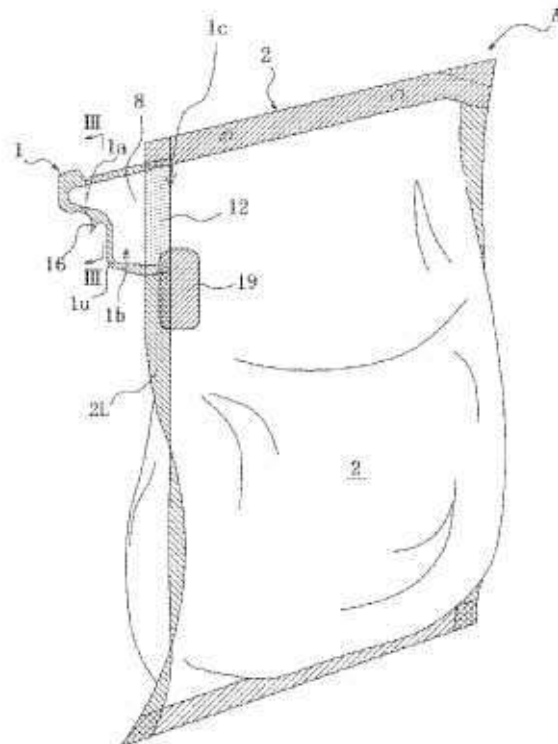
CCI - [B65D75/5811](#) ; [B65D75/5866](#)

CQI - [B65D33/24](#)

CCA - [B65D75/008](#)

PA - YUSHIN CO LTD [JP]; FUTASE
KATSUNORI [JP]

[圖2]



TI - **FLEXIBLE PACKAGING BAG**

AB - [Problem] To provide a **flexible** packaging **bag** comprising a film-like one-way **nozzle**, capable of rectifying discharged fluid of a packaged article to stabilize a spouted amount, capable of discharging the packaged article smoothly even when there is a small amount of the packaged article inside the **bag**, and capable of reinforcing the film-like one-way **nozzle** to improve discharge performance and **bag**-tearing strength. [Solution] A **flexible** packaging **bag** obtained by fusion-bonding the proximal end of a film-like one-way **nozzle**, having an outer-side one-way function for inhibiting outside air from entering the **bag**, onto a lateral inside surface of a packaging **bag** body composed of a laminated **plastic** film, wherein a rectifying/reinforcing seal part formed by sealing together two laminated **plastic** films that face each other is formed in an position in the vicinity of the packaging **bag** body which includes the bottom of the fused part of the film-like one-way **nozzle** proximal end.