



New connection on: : 03-12-2020 : 18:09:29 - Last disconnection on: : 03-12-2020 : 18:07:13

V 4.0.0.44803(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#{D201820}) (RPM D201820)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 35] (clamp or clip) and (bariatr+ or stomach) and curv+ and magnet+ and (notch or slot or indent+) and hinge

Results in EPODOC 0

[SS 36] clamp or clip

Results in EPODOC 884.841

[SS 37] bariatr+ or stomach

Results in EPODOC 59.471

[SS 38] 36 and 37

Results in EPODOC 580

[SS 39] 38 and curv+

Results in EPODOC 42

[SS 40] notch or slot or indent+

Results in EPODOC 996.182

[SS 41] 39 and 40

Results in EPODOC 1

[SS 42] ..li



1/1 © EPODOC / EPO

PN - [CN2790678Y](#) 20060628

PR - CN20052018419U 20050510

AP - [CN20052018419U](#) 20050510

DT - I

- PA - JIANG WENYUE [CN]
- TI - Multifunctional fish-type knife-grinder
- AB - The utility model provides a multifunctional fish-type knife grinder which mainly uses a fish-type main body which is suitable for hands to hold as a chief body. The two-piece type combination is carried out in the fish head position, the inner sides of two gill lamellas are provided with knife slots which mutually offset, the knife slots can be used for assembling knife grinding plates, and the two knife grinding plates which are assembled are just matched with the lower opening of the gill in an expansion shape to be favorable for the grinding function of a cutter with double edges. The fish-eye position can inlay and **clamp** an arc-shaped protecting fin to increase the stability of gripping and the hand guard function. The fish tail position is provided with a caulking **slot** which is used for assembling a knife base to assign the glass-cutting function. A plurality of gripping slots on the fish back are matched to be used as the pull-folding function of glass. A caulking **slot** is arranged in the fish **stomach** position to be used for embedding lodestone to provide magnetic suction fixing function. An opening of the fish mouth forms a note clamping shape with **curved** concave and convex teeth to form a practical knife grinder with multiple functions.

[SS 42] 39 and magnet and hinge

Results in EPODOC 0

[SS 43] 39 and magnet

Results in EPODOC 0

[SS 44] 39 and hinge

Results in EPODOC 14

[SS 45] ..li



1/14 © EPODOC / EPO

- PN - [NZ729574](#) A 20201030
- PR - WO2015US47005
20150826; US201462042117P
20140826; US201562118455P
20150219
- AP - [NZ20150729574](#) 20150826
- DT - I
- CCI - [A61B17/122](#) ; [A61B17/1285](#) ;
[A61F5/0086](#) ; [A61F5/0089](#)
- CCA - [A61B2017/00876](#) ; [A61F2210/009](#)
- CI - A61B17/122 (EP, IL, RU, US)
A61B17/1285 (EP, IL, RU, US)
A61F5/0086 (EP, IL, US)
A61F5/0089 (EP, IL, US)
- CA - A61B2017/00876 (EP, IL, US)

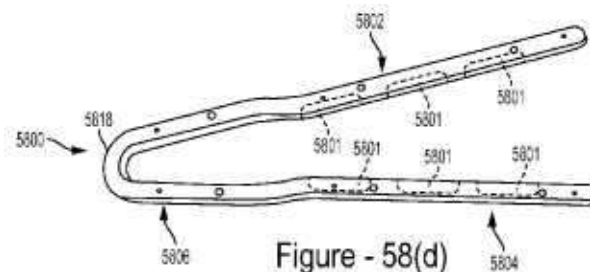


Figure - 58(d)

- A61F2210/009 (EP, IL, US)

PA - ADVANCED BARIATRIC TECH LLC

TI - **Bariatric clamp** with suture portions, magnetic inserts and **curvature**

AB - A **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions with insert portions, and a bight portion having a flexible **hinge** wherein the inserts are engaged via a magnetic force to retain the **clamp** in a closed position to partition the **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions and a bight portion having a flexible **hinge**, wherein the first and second elongated portions are **curved** to conform to a **curvature** of a patient's **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions each having one or more suture portions formed via one or more recesses formed in the substrate members.

2/14 © EPODOC / EPO

PN - [CN210644620U](#) U 20200602

PR - CN20192112388U 20190702

AP - [CN20192112388U](#) 20190702

DT - I

PA - NANFANG HOSPITAL

TI - **Stomach** tube auxiliary protection mechanism

AB - The utility model relates to an auxiliary protection mechanism for a **stomach** tube. The auxiliary protection mechanism comprises a first **clamp** body wound on an arm, a second **clamp** body wound on the armand a cleaning assembly used for improving sanitation and sterility. The first **clamp** body comprises two first **curved** plates which are connected through a **hinge**; the second **clamp** body comprises two second **curved** plates connected through a **hinge**, and the first **clamp** body and the second **clamp** body are horizontally distributed in the vertical direction of the arm. The utility model discloses a **stomach** tube auxiliary protection mechanism. The first **curved** plate, the second **curved** plate, the inflatable airbag, the elastic cloth, the first elastic rope and the second

elastic rope are matched for use; and if the arm of the patient is bent excessively and autonomously due to body discomfort or sleep, the inflatable air bag is in contact with the inner side of the elbow of the human body, and the elasticity of the inflatable air bag is utilized to generate reaction force, so that the arm of the patient is prevented from being further bent excessively, and the patient is prevented from pulling out the **stomach** tube by himself/herself under the condition of unconsciousness.

3/14 © EPODOC / EPO

PN - [AU2020200090](#) A1 20200130

PR - AU20200200090
20200107; AU20150306617
20150826; US201462042117P
20140826; US201562118455P
20150219; WO2015US47005
20150826

AP - [AU20200200090](#) 20200107

DT - I

CCI - [A61B17/122](#) ; [A61B17/1285](#) ;
[A61F5/0086](#) ; [A61F5/0089](#)

CCA - [A61B2017/00876](#) ; [A61F2210/009](#)

CI - A61B17/122 (EP, IL, RU, US)
- A61B17/1285 (EP, IL, RU, US)
- A61F5/0086 (EP, IL, US)
- A61F5/0089 (EP, IL, US)

CA - A61B2017/00876 (EP, IL, US)
- A61F2210/009 (EP, IL, US)

PA - ADVANCED BARIATRIC
TECHNOLOGY LLC [US]

TI - **Bariatric clamp** with suture
portions, magnetic inserts
and **curvature**

AB - A **bariatric clamp** may include
substrate members overmolded
in polymer forming first and
second elongated portions with
insert portions, and a bight
portion having a flexible **hinge**
wherein the inserts are engaged
via a magnetic force to retain
the **clamp** in a closed position to
partition the **stomach**. In 5
another embodiment,
the **bariatric clamp** may include
substrate members overmolded
in polymerforming first and
second elongated portions and a
bight portion having a
flexible **hinge**, wherein the first
and second elongated portions

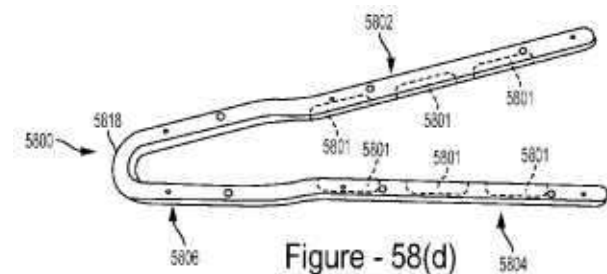
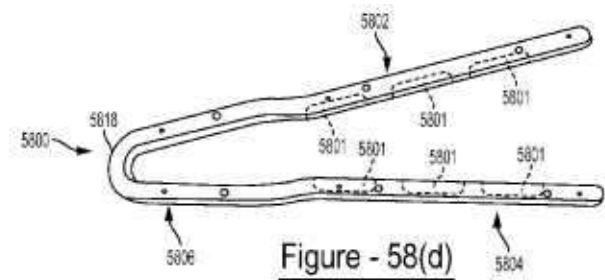


Figure - 58(d)

are **curved** to conform to a **curvature** of a patient's **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions each having one or more suture portions formed via one or more 10 recesses formed in the substrate members.

4/14 © EPODOC / EPO

- PN - [US2019358068](#) A1 20191128
- PR - US201916533309
20190806; US201514836621
20150826; US201562118455P
20150219; US201462042117P
20140826
- AP - [US201916533309](#) 20190806
- DT - **
- CCI - [A61B17/122](#) ; [A61B17/1285](#) ;
[A61F5/0086](#) ; [A61F5/0089](#)
- CCA - [A61B2017/00876](#) ; [A61F2210/009](#)
- CI - A61B17/122 (EP, IL, RU, US)
A61B17/1285 (EP, IL, RU, US)
A61F5/0086 (EP, IL, US)
A61F5/0089 (EP, IL, US)
- CA - A61B2017/00876 (EP, IL, US)
A61F2210/009 (EP, IL, US)
- PA - ADVANCED BARIATRIC TECH LLC
[US]
- TI - **BARIATRIC CLAMP WITH SUTURE
PORTIONS, MAGNETIC INSERTS
AND CURVATURE**
- AB - A **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions with insert portions, and a bight portion having a flexible **hinge** wherein the inserts are engaged via a magnetic force to retain the **clamp** in a closed position to partition the **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated



portions and a bight portion having a flexible **hinge**, wherein the first and second elongated portions are **curved** to conform to a **curvature** of a patient's **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions each having one or more suture portions formed via one or more recesses formed in the substrate members.

5/14 © EPODOC / EPO

PN - [RU2017109681](#) A 20181001

PNFP - [RU2017109681](#) A3 20190226
- [RU2703508](#) C2 20191017

PR - [US201462042117P](#)
20140826; [US201562118455P](#)
20150219; [WO2015US47005](#)
20150826

AP - [RU20170109681](#) 20150826

DT - I

CT - *// STSE (C2)*
[US2011190791](#) A1 20110804 []
(ADVANCED BARIATRIC
TECHNOLOGY LLC [US]);
[US2006252983](#) A1 20061109 [];
[US8382775](#) B1 20130226 []
(VIBRYNT INC [US], et al);
[US4458681](#) A 19840710 [] (HOPKINS
DONALD A);
[RU2262896](#) C2 20051027 []

CCI - [A61B17/122](#) ; [A61B17/1285](#) ;
[A61F5/0086](#) ; [A61F5/0089](#)

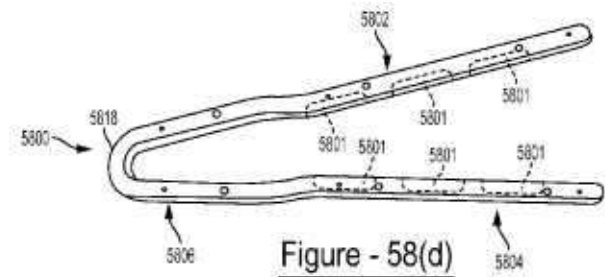
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- [A61B17/1285](#) (EP, IL, RU, US)
- [A61F5/0086](#) (EP, IL, US)
- [A61F5/0089](#) (EP, IL, US)

CA - [A61B2017/00876](#) (EP, IL, US)
- [A61F2210/009](#) (EP, IL, US)

PA - (C2)
ADVANCED BARIATRIC TECH LLC
[US]

TI - (C2)



**BARIATRIC CLAMP HAVING
SUTURES, MAGNETIC INSERTS
AND CURVATURE**

AB

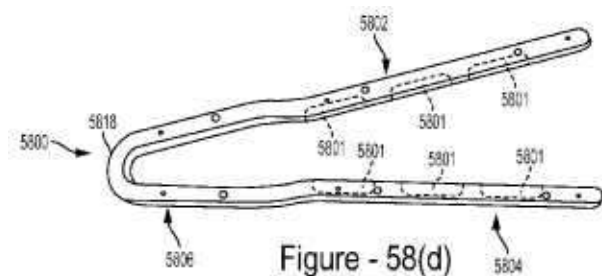
- (C2)

FIELD: medicine.SUBSTANCE:
group of inventions relates to
medical equipment and
specifically to embodiments of
a **bariatric clamp**. In the first
embodiment, the **clamp**
comprises a first elongated
portion comprising a first
substrate element and a first
molded polymer portion
surrounding the first substrate
element. **Clamp** has a second
elongated portion comprising a
second substrate element and a
second overmolded polymer
portion surrounding the second
substrate element. **Clamp**
comprises a **curved** portion
comprising a third overmolded
polymer portion forming a
flexible **hinge** connecting the first
and second elongated portions
at their respective proximal
ends. One of the first elongated
portion and the second
elongated portion is bent to
match the patient's
gastric **curvature** when
the **bariatric clamp** is in the closed
position. In the second
embodiment of the **clamp**, the
bent section comprises a
flexible **hinge** connecting the first
and second elongated sections
on their respective proximal
ends. First and second inserts
are made with possibility of
forced reduction to each other by
means of magnetism to
hold **clamp** in closed position.
First insert is located between
first substrate element and first
molded polymer section. Second
insertion is located between the
second element of the substrate
and the second over molded
polymer section. In third
embodiment of **clamp curved**

portion comprises a third overmolded polymer portion that forms a flexible **hinge** connecting the first and second elongated portions at their respective proximal ends. First elongated segment includes the first sutures designed to facilitate the formation of a seam joint with the patient's **stomach**. Second elongated segment includes second sutures designed to facilitate the formation of a seam joint with the **stomach** of the patient. One of the first and second seam sections comprises a recess or hole extending through the corresponding overmolded polymer portion and the corresponding substrate element. EFFECT: technical result is wider range of **bariatric** clamps.50 cl, 84 dwg

6/14 © EPODOC / EPO

PN - [MX2017002614](#) A 20171024
 PNFP - MX371177 B 20200121
 PR - US201462042117P
 20140826; US201562118455P
 20150219; WO2015US47005
 20150826
 AP - [MX20170002614](#) 20150826
 DT - I
 CCI - [A61B17/122](#) ; [A61B17/1285](#) ;
[A61F5/0086](#) ; [A61F5/0089](#)
 CCA - [A61B2017/00876](#) ; [A61F2210/009](#)
 CI - A61B17/122 (EP, IL, RU, US)
 - A61B17/1285 (EP, IL, RU, US)
 - A61F5/0086 (EP, IL, US)
 - A61F5/0089 (EP, IL, US)
 CA - A61B2017/00876 (EP, IL, US)
 - A61F2210/009 (EP, IL, US)
 PA - (A B)
 ADVANCED BARIATRIC TECH LLC
 [US]
 TI - (A B)
BARIATRIC CLAMP WITH SUTURE
PORTIONS, MAGNETIC INSERTS



AND CURVATURE.

AB

- (A B)

A **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions with insert portions, and a bight portion having a flexible **hinge** wherein the inserts are engaged via a magnetic force to retain the **clamp** in a closed position to partition the **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions and a bight portion having a flexible **hinge**, wherein the first and second elongated portions are **curved** to conform to a **curvature** of a patient's **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions each having one or more suture portions formed via one or more recesses formed in the substrate members.

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PN - [CN107072660](#) A 20170818

PR - US201462042117P
20140826; US201562118455P
20150219; WO2015US47005
20150826

AP - [CN20158055862](#) 20150826

DT - I

CT - || STSE (A)
[US2004147942](#) A1 20040729 [A]
(CHAO SEH-HUANG [TW])
[A] 1-51
* 说明书全文 *;
[WO2005046453](#) A2 20050526 [A]
(ENDOSCOPIC TECHNOLOGIES INC
[US], et al)
[A] 1-51
* 说明书全文 *;
[US2010174295](#) A1 20100708 [Y]
(KASSAB GHASSAN S [US], et al)

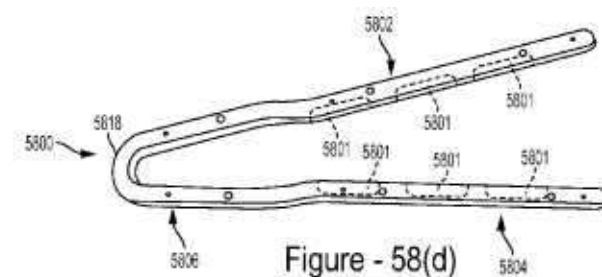


Figure - 58(d)

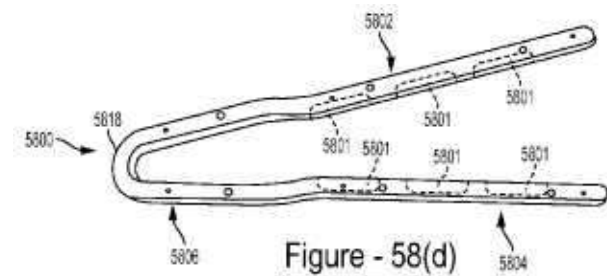
[Y] 1-6、12-15、19-26、35、46-48
 * 说明书第40-44段，附图1-3 *；
[US2011245593](#) A1 20111006 [A]
 (KASSAB GHASSAN S [US], et al)
 [A] 1-51
 * 说明书全文 *；
[US2014012293](#) A1 20140109 [A]
 (BERTOLERO ARTHUR A [US], et al)
 [A] 1-51
 * 说明书全文 *；
[US2014046345](#) A1 20140213 [YX]
 (ARMENTEROS JESUS R [DO], et al)
 [Y] 1-6、12-15、19-26、35、46-48
 * 权利要求1-52，说明书第94-214
 段 *
 [X] 36、37-39、45

- | | |
|-----|--|
| CCI | - A61B17/122 ; A61B17/1285 ;
A61F5/0086 ; A61F5/0089 |
| CCA | - A61B2017/00876 ; A61F2210/009 |
| CI | - A61B17/122 (EP, IL, RU, US)
- A61B17/1285 (EP, IL, RU, US)
- A61F5/0086 (EP, IL, US)
- A61F5/0089 (EP, IL, US) |
| CA | - A61B2017/00876 (EP, IL, US)
- A61F2210/009 (EP, IL, US) |
| PA | - ADVANCED BARIATRIC TECH LLC |
| TI | - Bariatric clamp with suture portions, magnetic inserts and curvature |
| AB | - A bariatric clamp may include substrate members overmolded in polymer forming first and second elongated portions with insert portions, and a bight portion having a flexible hinge wherein the inserts are engaged via a magnetic force to retain the clamp in a closed position to partition the stomach . In another embodiment, the bariatric clamp may include substrate members overmolded in polymer forming first and second elongated portions and a bight portion having a flexible hinge , wherein the first and second elongated portions are curved to conform to a curvature of a patient's stomach . In another embodiment, the bariatric clamp may include |

substrate members overmolded in polymer forming first and second elongated portions each having one or more suture portions formed via one or more recesses formed in the substrate members.

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- PN - [AU2015306617](#) A1 20170323
- PNFP - AU2015306617B B2 20191024
- PR - US201462042117P
20140826; US201562118455P
20150219; WO2015US47005
20150826
- AP - [AU20150306617](#) 20150826
- DT - I
- CT - *// STSE (B2)*
[US2011190791](#) A1 20110804 []
(JACOBS MOISES [US], et al)
- CCI - [A61B17/122](#) ; [A61B17/1285](#) ;
[A61F5/0086](#) ; [A61F5/0089](#)
- CCA - [A61B2017/00876](#) ; [A61F2210/009](#)
- CI - A61B17/122 (EP, IL, RU, US)
A61B17/1285 (EP, IL, RU, US)
A61F5/0086 (EP, IL, US)
A61F5/0089 (EP, IL, US)
- CA - A61B2017/00876 (EP, IL, US)
A61F2210/009 (EP, IL, US)
- PA - (A1)
ADVANCED BARIATRIC
TECHNOLOGY LLC
(B2)
ADVANCED BARIATRIC
TECHNOLOGY LLC [US]
- TI - (A1 B2)
Bariatric clamp with suture
portions, magnetic inserts
and **curvature**
- AB - (A1 B2)
A **bariatric clamp** may include
substrate members overmolded
in polymer forming first and
second elongated portions with
insert portions, and a bight
portion having a flexible **hinge**
wherein the inserts are engaged
via a magnetic force to retain



the **clamp** in a closed position to partition the **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions and a bight portion having a flexible **hinge**, wherein the first and second elongated portions are **curved** to conform to a **curvature** of a patient's **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions each having one or more suture portions formed via one or more recesses formed in the substrate members.

9/14 © EPODOC / EPO

PN - [CA2959519](#) A1 20160303

PR - US201462042117P
20140826; US201562118455P
20150219; WO2015US47005
20150826

AP - [CA20152959519](#) 20150826

DT - I

CCI - [A61B17/122](#) ; [A61B17/1285](#) ;
[A61F5/0086](#) ; [A61F5/0089](#)

CCA - [A61B2017/00876](#) ; [A61F2210/009](#)

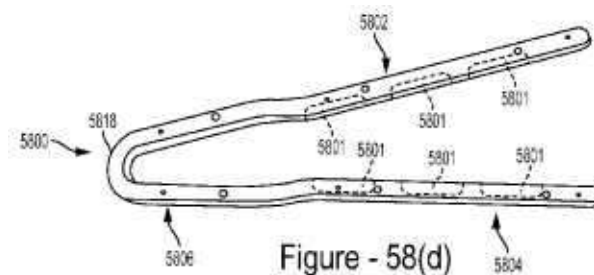
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- A61F5/0089 (EP, IL, US)

CA - A61B2017/00876 (EP, IL, US)
- A61F2210/009 (EP, IL, US)

PA - ADVANCED BARIATRIC TECH LLC
[US]

TI - **BARIATRIC CLAMP WITH SUTURE
PORTIONS, MAGNETIC INSERTS
AND CURVATURE**

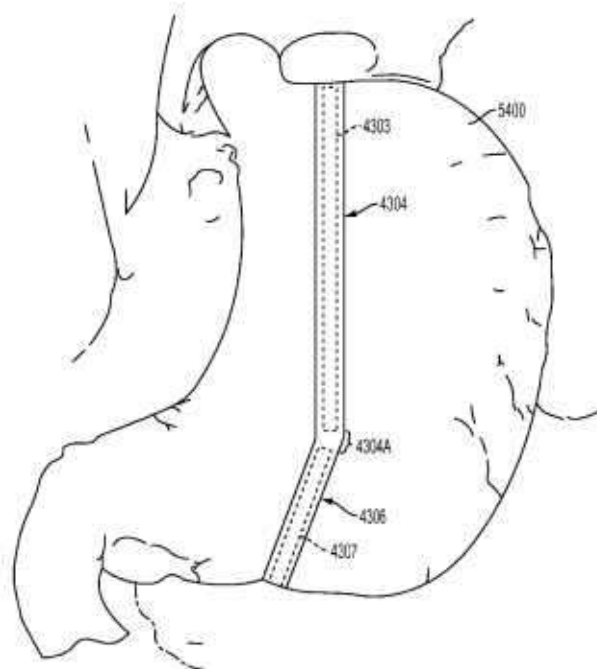
AB - A **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions with insert portions, and a bight portion having a flexible **hinge**



wherein the inserts are engaged via a magnetic force to retain the **clamp** in a closed position to partition the **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions and a bight portion having a flexible **hinge**, wherein the first and second elongated portions are **curved** to conform to a **curvature** of a patient's **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions each having one or more suture portions formed via one or more recesses formed in the substrate members.

10/14 © EPODOC / EPO

- PN - [RU2015108054](#) A 20160927
- PNFP - RU2626875 C2 20170802
- PR - US201261681601P
20120809; US201361798128P
20130315; WO2013US54435
20130809
- AP - [RU20150108054](#) 20130809
- DT - I
- CT - // STSE (C2)
[US2011190791](#) A1 20110804 []
(ADVANCED BARIATRIC
TECHNOLOGY LLC [US]);
[RU2386455](#) C2 20100420 []
(BIEHFKEJDABLU EHLEHLSI [US]);
[US2011046641](#) A1 20110224 []
(CVDEVICES LLC [US]);
[US7320701](#) B2 20080122 []
(LINVATEC CORP [US])
- CTNP - // STSE (C2)
[] - ШАЛИМОВ А.А. и др.
Хирургия пищеварительного
тракта. Киев, "Здоров'я", 1987, с.
558.
[] - GEOFFREY W.J. Vertical
Ligated Gastroplasty by Clamp,
Cut and Suture: A Series of 504



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(Abstract), PMID: 10742799
[PubMed - as supplied;by
publisher].

- CCI - [A61B17/0643](#) ; [A61B17/122](#) ;
[A61B17/1285](#)
- CCA - [A61B2017/00336](#) ;
[A61B2017/00424](#) ;
[A61B2017/00477](#) ;
[A61B2017/00818](#) ;
[A61B2017/00876](#) ; [A61B17/0482](#) ;
[A61B2017/2927](#)
- CI - A61B17/0482 (IL)
- A61B17/0643 (EP, CN, IL, US)
- A61B17/122 (EP, CN, IL, US)
- A61B17/128 (IL, US)
- A61B17/1285 (EP, CN, IL, US)
- CA - A61B2017/00336 (EP, CN, IL, US)
- A61B2017/00424 (EP, CN, IL, US)
- A61B2017/00477 (EP, CN, IL, US)
- A61B2017/00818 (EP, CN, IL, US)
- A61B2017/00876 (EP, CN, IL, US)
- A61B17/0482 (EP, CN, US)
- A61B17/122 (RU)
- A61B2017/2927 (EP, CN, IL, US)
- PA - (C2)
EDVANST BARIATRIK TEKNOLODZHI
ELELSI [US]
- TI - (C2)
SPUN-CASTING MULTILAYER
POLYMER **BARIATRIC CLIP** AND
METHOD OF ITS INSTALLATION
- AB - (C2)
FIELD: medicine.
SUBSTANCE: **bariatric clamp**
includes the first elongated
portion having a distal end, a
proximal end, the first substrate
member and the first polymer
portion, the second elongated
portion having a distal end, a
proximal end, the second
substrate member and the
second polymer portion, a bent
portion with a flexible **hinge**, at
least partially formed by the
third polymer portion, and an
attachment portion connecting

the first and the second elongated portions at the proximal end of the first elongated portion of the **bariatric clamp** and at the proximal end of the second elongated portion of the **bariatric clamp**, adjacent the distal end of the second elongated portion, and an engaging portion located in the immediate vicinity of the first elongated portion and configured to engage the attachment portion to retain the **bariatric clamp** substantially in a closed position, wherein the first and second elongated **bariatric clamp** portions form a section that creates a partition located near the distal end of the **bariatric clamp** when the **bariatric clamp** is in the substantially closed position, and the **curved** portion of the **bariatric clamp** forms a section that creates a channel located adjacent to the proximal end of the **bariatric clamp** when the **bariatric clamp** is in the substantially closed position. During installation, the **bariatric clamp** is closed to exert pressure on portions of the outer surfaces of the **stomach** to ensure at least partial separation of the internal **stomach** cavity, thus **bariatric clamp** closure for at least partial separation of the internal **stomach** cavity comprises **stomach** separation to form at least a partial gastric pocket for meals in close proximity to the esophagus, and to form the excluded portion of **stomach**, at that the channel forming portion of the **bariatric clamp** located near the **stomach** bottom, permits gastric juice flow between the excluded portion of the **stomach** and the gastric pocket.EFFECT: group of inventions reduces trauma at

sufficient pressure on the
latched body wall.40 cl, 55 dwg

11/14 © EPODOC / EPO

PN - [US2016058594](#) A1 20160303

PNFP - US10420664 B2 20190924

PR - US201514836621
20150826; US201562118455P
20150219; US201462042117P
20140826

AP - [US201514836621](#) 20150826

DT - **

CT - || STSE (A1)
[US2011019079](#) A1 20110127 [X]
(SAIKI JUN [JP])
[X] 1-8, 33-34
* claim 1 | Fig. 1 | Fig. 2 | [0076] |
[0095] Fig. 19 | [0063] Fig. 2 |
[0078] | [0063] | Fig. 6D [0076] |
Fig. 6D | claim 33 | claim 34 | claim
2 | Fig. 14 and [0088] | claim 3 |
Fig. 15 | [0087] | claim 4 | Fig. 14 |
claim 5 | [0065] | claim 6 | Figs. 19-
27 | claim 7 | claim 8 | [0088] *

- || STSE (B2)
[US2010174295](#) A1 20100708 []
(KASSAB GHASSAN S [US], et al)

CCI - [A61B17/122](#) ; [A61B17/1285](#) ;
[A61F5/0086](#) ; [A61F5/0089](#)

CCA - [A61B2017/00876](#) ; [A61F2210/009](#)

CI - A61B17/122 (EP, IL, RU, US)
- A61B17/1285 (EP, IL, RU, US)
- A61F5/0086 (EP, IL, US)
- A61F5/0089 (EP, IL, US)

CA - A61B2017/00876 (EP, IL, US)
- A61F2210/009 (EP, IL, US)

PA - (A1)
ADVANCED BARIATRIC
TECHNOLOGY LLC [US]
- (B2)
ADVANCED BARIATRIC TECH LLC
[US]

TI - (A1)
**BARIATRIC CLAMP WITH SUTURE
PORTIONS, MAGNETIC INSERTS
AND CURVATURE**
- (B2)
Bariatric clamp with suture

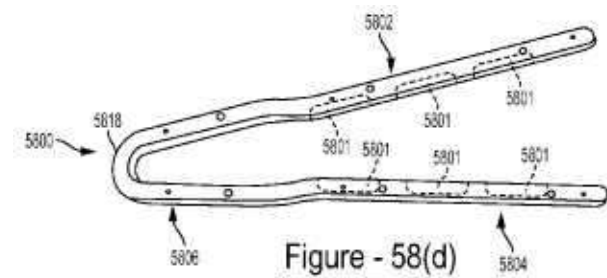


Figure - 58(d)

portions, magnetic inserts
and **curvature**

AB

- (A1 B2)

A **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions with insert portions, and a bight portion having a flexible **hinge** wherein the inserts are engaged via a magnetic force to retain the **clamp** in a closed position to partition the **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions and a bight portion having a flexible **hinge**, wherein the first and second elongated portions are **curved** to conform to a **curvature** of a patient's **stomach**. In another embodiment, the **bariatric clamp** may include substrate members overmolded in polymer forming first and second elongated portions each having one or more suture portions formed via one or more recesses formed in the substrate members.

12/14 © EPODOC / EPO

PN - [WO2016033221](#) A1 20160303

PR - US201462042117P
20140826; US201562118455P
20150219

AP - [WO2015US47005](#) 20150826

DT - *; Rep

CT - /US/ ISR (A1)
[US2011190791](#) A1 20110804 [XY]
(JACOBS MOISES [US], et al)
[X] 1-8, 12-28, 32-41, 45-51
* entire document *
[Y] 9-11, 29-31, 42-44;
[US2005250980](#) A1 20051110 [Y]
(SWANSTROM LEE L [US], et al)
[Y] 9-11, 29-31, 42-44
* entire document *;
[US2008275480](#) A1 20081106 [A]
(JACOBS MOISES [US], et al)

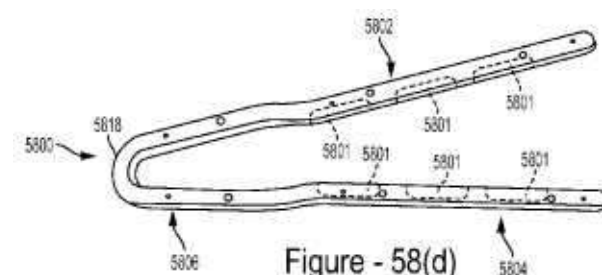


Figure - 58(d)

[A] 1-51

* entire document *;

[US2014046345](#) A1 20140213 [A]

(ARMENTEROS JESUS R [DO], et al)

[A] 1-51

* entire document *

- CCI - [A61B17/122](#) ; [A61B17/1285](#) ;
[A61F5/0086](#) ; [A61F5/0089](#)
- CCA - [A61B2017/00876](#) ; [A61F2210/009](#)
- CI - A61B17/122 (EP, IL, RU, US)
- A61B17/1285 (EP, IL, RU, US)
- A61F5/0086 (EP, IL, US)
- A61F5/0089 (EP, IL, US)
- CA - A61B2017/00876 (EP, IL, US)
- A61F2210/009 (EP, IL, US)
- PA - ADVANCED BARIATRIC
TECHNOLOGY LLC [US]
- TI - **BARIATRIC CLAMP** WITH SUTURE
PORTIONS, MAGNETIC INSERTS
AND **CURVATURE**
- AB - A **bariatric clamp** may include
substrate members overmolded
in polymer forming first and
second elongated portions with
insert portions, and a bight
portion having a flexible **hinge**
wherein the inserts are engaged
via a magnetic force to retain
the **clamp** in a closed position to
partition the **stomach**. In another
embodiment, the **bariatric clamp**
may include substrate members
overmolded in polymer forming
first and second elongated
portions and a bight portion
having a flexible **hinge**, wherein
the first and second elongated
portions are **curved** to conform to
a **curvature** of a patient's **stomach**.
In another embodiment,
the **bariatric clamp** may include
substrate members overmolded
in polymer forming first and
second elongated portions each
having one or more suture
portions formed via one or more
recesses formed in the substrate
members.

PN - [FR2549712](#) A1 19850201

PNFP - FR2549712 B1 19851220

PR - FR19830012491 19830728

AP - [FR19830012491](#) 19830728

DT - *; Rep

CT - *// STSE (A1)*
[US4143660](#) A 00000000 [AD];
[FR1234671](#) A 00000000 [A];
[US4244372](#) A 00000000 [A];
[FR2310117](#) A1 00000000 [A]

CCI - [A61B17/07207](#)

CCA - [A61B2017/07214](#); [A61B2017/0725](#)

CI - A61B17/07207 (EP)

CA - A61B2017/07214 (EP)
A61B2017/0725 (EP)

PA - (A1 B1)
INST MEDITSINSKOI TEKHNIKI [SU]

TI - (A1)
Surgical apparatus for resection of hollow organs

AB - (A1)
The invention relates to medical equipment. The surgical apparatus which is the subject of the invention is of the type comprising a suture unit 1 comprising an abutment body 2 with cavities 3 for the folding of suture clips 4, a suture **clip** body 5 with magazines 6 of suture clips and a button 7 for ejection of the suture clips, hinged joint 9 connecting the suture **clip** body 5 to the abutment body 2, and disposed near one of the ends 10 of the suture unit 1, an organ 11 for fixing in position the said bodies relative to each other and disposed on the other end 12 of the suture unit 1, and a cutting unit 13, and is characterised in that the hinged joint 9 is connected to one of the abutment 2 and suture **clip** 5 bodies by a mechanism for moving this body, in its own plane and parallel to itself, with respect to the **hinge** 9, the fixing organ 11 being made adjustable in length and as a function of the amount of movement of one of the said bodies. The apparatus in question can be used in particular for resection of the **stomach** with trimming of a tube in the large **curvature** of the **stomach** for oesophagoplasty. <IMAGE>

14/14 © EPODOC / EPO

PN - [DE2811492](#) A1 19790920

PR - DE19782811492 19780316

AP - [DE19782811492](#) 19780316

DT - *; Rep

CCI - [A61F5/4407](#)

CCA - [A61F2005/4455](#)

CI - A61F5/4407 (EP)

CA - A61F2005/4455 (EP)

PA - STUECKER FRANZ JOSEF PROF DR

TI - Artificial intestinal discharge tube - has cover mounted on arm hinged to **clamp** embedded under skin around tube through **stomach**

AB

- An artificial discharge opening from the intestines is formed as a tube (2) passing through the **stomach** (1), which can be fitted with a cover (16). The cover is attached to an arm (14) outside the body, which is mounted at the end of a **clamp** embedded under the skin (1) near the outlet tube (2). This **clamp** has two **curved** arms (10) embedded inside a vessel (3) under the skin, and surrounding the tube. These arms have straight extensions (6, 7) which terminate in angle shaped ends (13) above the skin. The support arm (14) is attached to these ends by a **hinge** (15) and by a locking device (28) with its base clamped between the extensions (6, 7). This locking device has a height adjusting screw (25) and a securing screw (23) for the circular cover (16).

[SS 45]