



New connection on: : 22-10-2020 : 23:13:36 - Last disconnection on: : 22-10-2020 : 23:13:30

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

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[EPODOC: SS 43] (acellular and tissue and matrix) and (implant or prosthesis) and (breast or mama) and /ic (A61F)

Results in EPODOC 17

[SS 44] ..li



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PN - [MX2019002263](#) A 20190919
PR - US201662381865P 20160831; WO2017US49516 20170831
AP - [MX20190002263](#) 20170831
DT - I
CCI - [A61F2/12](#) ; [A61L27/362](#) ; [A61L27/3666](#) ; [A61L27/3695](#) ; [A61L27/56](#)
CCA - [A61F2/0063](#) ; [A61F2210/0057](#) ; [A61F2220/0008](#) ; [A61F2230/0008](#) ; [A61F2230/0013](#) ; [A61L2430/04](#)
CI - A61F2/12 (EP, US)
- A61L27/362 (EP, US)
- A61L27/3641 (US)
- A61L27/3666 (EP)
- A61L27/3695 (EP, US)
- A61L27/56 (EP, US)
CA - A61F2/0063 (EP)
- A61F2210/0057 (EP)
- A61F2220/0008 (EP, US)
- A61F2230/0008 (EP)
- A61F2230/0013 (EP, US)
- A61L2430/04 (EP, US)
PA - LIFECELL CORP [US]
TI - **BREAST** TREATMENT DEVICE.
AB - The present disclosure provides devices for treating breasts. The devices (100) include a sheet of **acellular tissue matrix** having a predefined shape that allows for complete or enhanced coverage of an anterior portion of a **breast implant** or **tissue** expander or to support an **implant** and/or surrounding tissues. The sheet includes curved upper and lower borders or edges.

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PN - [US2019201580](#) A1 20190704

PR - US201716329010 20170831; US201662381865P 20160831; WO2017US49516 20170831

AP - [US201716329010](#) 20170831

DT - **

CCI - [A61F2/12](#) ; [A61L27/362](#) ; [A61L27/3666](#) ; [A61L27/3695](#) ; [A61L27/56](#)

CCA - [A61F2/0063](#) ; [A61F2210/0057](#) ; [A61F2220/0008](#) ; [A61F2230/0008](#) ; [A61F2230/0013](#) ; [A61L2430/04](#)

CI - A61F2/12 (EP, US)
 - A61L27/362 (EP, US)
 - A61L27/3641 (US)
 - A61L27/3666 (EP)
 - A61L27/3695 (EP, US)
 - A61L27/56 (EP, US)

CA - A61F2/0063 (EP)
 - A61F2210/0057 (EP)
 - A61F2220/0008 (EP, US)
 - A61F2230/0008 (EP)
 - A61F2230/0013 (EP, US)
 - A61L2430/04 (EP, US)

PA - LIFECCELL CORP [US]

TI - **BREAST TREATMENT DEVICE**

AB - The present disclosure provides devices for treating breasts. The devices (100) include a sheet of **acellular tissue matrix** having a predefined shape that allows for complete or enhanced coverage of an anterior portion of a **breast implant** or **tissue expander** or to support an **implant** and/or surrounding tissues. The sheet includes curved upper and lower borders or edges.

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PN - [CN109789010](#) A 20190521

PR - US201662403344P 20161003; WO2017US54712 20171002

AP - [CN20178061186](#) 20171002

DT - I

CT - // STSE (A)
[US3366975](#) A 19680206 [A] (PANGMAN WILLIAM J)
 [A] 24-35
 * 全文 *;
[US3683424](#) A 19720815 [A] (PANGMAN WILLIAM J)
 [A] 24-35
 * 全文 *;
[US2004148024](#) A1 20040729 [A] (WILLIAMS DAVID F [GB])
 [A] 24-35
 * 全文 *;
[US2011208302](#) A1 20110825 [A] (GLICKSMAN AVRAHAM [IL])
 [A] 24-35
 * 全文 *;
[CN102176883](#) A 20110907 [A] (ALLERGAN INC)
 [A] 24-35
 * 全文 *;

[CN102470032](#) A 20120523 [Y] (LIFECCELL CORP)

[Y] 24-35

* 说明书第32-77段, 附图1-14 *;

[US2012165934](#) A1 20120628 [Y] (SCHUESSLER DAVID J [US])

[Y] 24-35

* 说明书第8-22、28-50段, 附图1-4 *;

[CN102949251](#) A 20130306 [A] (POLYTECH HEALTH & AESTHETICS GMBH)

[A] 24-35

* 全文 *;

[US2013190870](#) A1 20130725 [A] (PADSALGIKAR AJAY D [US])

[A] 24-35

* 全文 *;

[CN103619282](#) A 20140305 [A] (ALLERGAN INC)

[A] 24-35

* 全文 *

- CCI - [A61F2/12](#) ; [A61F2/52](#) ; [A61L27/18](#) ; [A61L27/56](#)
- CCA - [A61F2/0063](#) ; [A61F2230/0063](#) ; [A61F2250/0003](#) ; [A61F2250/0004](#) ; [A61L2430/04](#)
- CLC - [A61L27/18](#), [C08L83/04](#), INV
- CI - A61F2/0059 (KR, US)
- A61F2/12 (EP, KR, US)
- A61F2/52 (EP, US)
- A61L27/18 (EP, KR)
- A61L27/3604 (KR)
- A61L27/56 (EP, KR)
- C08L83/04 (KR)
- CA - A61B2017/00796 (KR)
- A61F2/0063 (EP)
- A61F2230/0063 (EP, KR, US)
- A61F2250/0003 (EP, KR)
- A61F2250/0004 (EP, KR)
- A61L2430/04 (EP, KR, US)
- CL - A61L27/18, C08L83/04, INV (EP)
- PA - LIFECCELL CORP
- TI - **BREAST** TREATMENT DEVICE
- AB - The present disclosure provides devices and systems for treating a **breast**. A system (30) includes a low-density **implant** (10), wherein the **implant** comprises a material that does not allow fluid accumulation within the **implant**, and an **acellular tissue matrix** composition (20), wherein the low-density **implant** and **acellular tissue matrix** are configured to allow implantation of the low-density **implant** and **acellular tissue matrix** composition within a **breast** site.

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PN - [AU2017339426](#) A1 20190502

PR - US201662403344P 20161003; WO2017US54712 20171002

AP - [AU20170339426](#) 20171002

DT - I

CCI - [A61F2/12](#) ; [A61F2/52](#) ; [A61L27/18](#) ; [A61L27/56](#)

CCA - [A61F2/0063](#) ; [A61F2230/0063](#) ; [A61F2250/0003](#) ; [A61F2250/0004](#) ; [A61L2430/04](#)

CLC - [A61L27/18](#), [C08L83/04](#), INV

CI - A61F2/0059 (KR, US)
 - A61F2/12 (EP, KR, US)
 - A61F2/52 (EP, US)
 - A61L27/18 (EP, KR)
 - A61L27/3604 (KR)
 - A61L27/56 (EP, KR)
 - C08L83/04 (KR)

CA - A61B2017/00796 (KR)
 - A61F2/0063 (EP)
 - A61F2230/0063 (EP, KR, US)
 - A61F2250/0003 (EP, KR)
 - A61F2250/0004 (EP, KR)
 - A61L2430/04 (EP, KR, US)

CL - A61L27/18, C08L83/04, INV (EP)

PA - LIFECELL CORP [US]

TI - **Breast** treatment device

AB - The present disclosure provides devices and systems for treating a **breast**. A system (30) includes a low-density **implant** (10), wherein the **implant** comprises a material that does not allow fluid accumulation within the **implant**, and an **acellular tissue matrix** composition (20), wherein the low-density **implant** and **acellular tissue matrix** are configured to allow implantation of the low-density **implant** and **acellular tissue matrix** composition within a **breast** site.

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PN - [CA3038770](#) A1 20180412

PR - US201662403344P 20161003; WO2017US54712 20171002

AP - [CA20173038770](#) 20171002

DT - I

CCI - [A61F2/12](#) ; [A61F2/52](#) ; [A61L27/18](#) ; [A61L27/56](#)

CCA - [A61F2/0063](#) ; [A61F2230/0063](#) ; [A61F2250/0003](#) ; [A61F2250/0004](#) ; [A61L2430/04](#)

CLC - [A61L27/18](#), [C08L83/04](#), INV

CI - A61F2/0059 (KR, US)
 - A61F2/12 (EP, KR, US)
 - A61F2/52 (EP, US)
 - A61L27/18 (EP, KR)
 - A61L27/3604 (KR)
 - A61L27/56 (EP, KR)
 - C08L83/04 (KR)

CA - A61B2017/00796 (KR)
 - A61F2/0063 (EP)
 - A61F2230/0063 (EP, KR, US)
 - A61F2250/0003 (EP, KR)
 - A61F2250/0004 (EP, KR)

- A61L2430/04 (EP, KR, US)

CL - A61L27/18, C08L83/04, INV (EP)

PA - LIFECCELL CORP [US]

TI - **BREAST TREATMENT DEVICE**

AB - The present disclosure provides devices and systems for treating a **breast**. A system (30) includes a low-density **implant** (10), wherein the **implant** comprises a material that does not allow fluid accumulation within the **implant**, and an **acellular tissue matrix** composition (20), wherein the low-density **implant** and **acellular tissue matrix** are configured to allow implantation of the low-density **implant** and **acellular tissue matrix** composition within a **breast** site.

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PN - [CN109640884](#) A 20190416

PR - US201662381865P 20160831; WO2017US49516 20170831

AP - [CN20178051355](#) 20170831

DT - I

CT - // STSE (A)
[US5584884](#) A 19961217 [A] (PIGNATARO ANTHONY S [US])
 [A] 1-8
 * 全文 *;
[CN102470032](#) A 20120523 [X] (LIFECCELL CORP)
 [X] 1-8
 * 对比文件1的权利要求1-16, 说明书第28-70段以及附图1-7 *;
[WO2012122215](#) A2 20120913 [X] (GALATEA CORP [US], et al)
 [X] 1-8
 * 全文 *;
[US2012283826](#) A1 20121108 [A] (MOSES ARIKHA [US], et al)
 [A] 1-8
 * 全文 *;
[CN103393482](#) A 20131120 [A] (BEIJING RUIJIAN GAOKE BIOTECHNOLOGY CO LTD)
 [A] 1-8
 * 全文 *;
[WO2015065923](#) A1 20150507 [A] (UNIV CALIFORNIA [US])
 [A] 1-8
 * 全文 *;
[US2015223928](#) A1 20150813 [X] (LIMEM SKANDER [US], et al)
 [X] 1-8
 * 全文 *

CCI - [A61F2/12](#) ; [A61L27/362](#) ; [A61L27/3666](#) ; [A61L27/3695](#) ; [A61L27/56](#)

CCA - [A61F2/0063](#) ; [A61F2210/0057](#) ; [A61F2220/0008](#) ; [A61F2230/0008](#) ; [A61F2230/0013](#) ; [A61L2430/04](#)

CI - A61F2/12 (EP, US)
 - A61L27/362 (EP, US)
 - A61L27/3641 (US)
 - A61L27/3666 (EP)
 - A61L27/3695 (EP, US)
 - A61L27/56 (EP, US)

CA - A61F2/0063 (EP)
 - A61F2210/0057 (EP)

- A61F2220/0008 (EP, US)
- A61F2230/0008 (EP)
- A61F2230/0013 (EP, US)
- A61L2430/04 (EP, US)

PA - LIFECCELL CORP

TI - **Breast** treatment device

AB - The present disclosure provides devices for treating breasts. The devices (100) include a sheet of **acellular tissue matrix** having a predefined shape that allows for complete or enhanced coverage of an anterior portion of a **breast implant** or **tissue** expander or to support an **implant** and/or surrounding tissues. The sheet includes curved upper and lower borders or edges.

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PN - [CA3035256](#) A1 20180308

PR - US201662381865P 20160831; WO2017US49516 20170831

AP - [CA20173035256](#) 20170831

DT - I

CCI - [A61F2/12](#) ; [A61L27/362](#) ; [A61L27/3666](#) ; [A61L27/3695](#) ; [A61L27/56](#)

CCA - [A61F2/0063](#) ; [A61F2210/0057](#) ; [A61F2220/0008](#) ; [A61F2230/0008](#) ; [A61F2230/0013](#) ; [A61L2430/04](#)

CI - A61F2/12 (EP, US)

- A61L27/362 (EP, US)

- A61L27/3641 (US)

- A61L27/3666 (EP)

- A61L27/3695 (EP, US)

- A61L27/56 (EP, US)

CA - A61F2/0063 (EP)

- A61F2210/0057 (EP)

- A61F2220/0008 (EP, US)

- A61F2230/0008 (EP)

- A61F2230/0013 (EP, US)

- A61L2430/04 (EP, US)

PA - LIFECCELL CORP [US]

TI - **BREAST** TREATMENT DEVICE

AB - The present disclosure provides devices for treating breasts. The devices (100) include a sheet of **acellular tissue matrix** having a predefined shape that allows for complete or enhanced coverage of an anterior portion of a **breast implant** or **tissue** expander or to support an **implant** and/or surrounding tissues. The sheet includes curved upper and lower borders or edges.

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PN - [AU2017318580](#) A1 20190307

PR - US201662381865P 20160831; WO2017US49516 20170831

AP - [AU20170318580](#) 20170831

DT - I

CCI - [A61F2/12](#) ; [A61L27/362](#) ; [A61L27/3666](#) ; [A61L27/3695](#) ; [A61L27/56](#)

CCA - [A61F2/0063](#) ; [A61F2210/0057](#) ; [A61F2220/0008](#) ; [A61F2230/0008](#) ; [A61F2230/0013](#) ; [A61L2430/04](#)

CI - A61F2/12 (EP, US)
 - A61L27/362 (EP, US)
 - A61L27/3641 (US)
 - A61L27/3666 (EP)
 - A61L27/3695 (EP, US)
 - A61L27/56 (EP, US)

CA - A61F2/0063 (EP)
 - A61F2210/0057 (EP)
 - A61F2220/0008 (EP, US)
 - A61F2230/0008 (EP)
 - A61F2230/0013 (EP, US)
 - A61L2430/04 (EP, US)

PA - LIFECELL CORP [US]

TI - **Breast** treatment device

AB - The present disclosure provides devices for treating breasts. The devices (100) include a sheet of **acellular tissue matrix** having a predefined shape that allows for complete or enhanced coverage of an anterior portion of a **breast implant** or **tissue** expander or to support an **implant** and/or surrounding tissues. The sheet includes curved upper and lower borders or edges.

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PN - [US2018092737](#) A1 20180405

PR - US201715722482 20171002; US201662403344P 20161003

AP - [US201715722482](#) 20171002

DT - *; Rep

CT - || STSE (A1)
[US3683424](#) A 19720815 [X] (PANGMAN WILLIAM J)
 [X] 1, 5, 7-9, 21, 2-4, 6, 14-16, 19-20, 22, 24-29, 31-34
 * claim 2 | claim 3 | paragraph 0096 lines 1-4 | claim 4 | paragraph 0189 lines 7-8 | claim 6 | claim 14 | paragraph 0001 lines 1-3 | paragraph 0037 lines 1-7 | claim 15 | claim 16 | paragraph 0046 lines 1-5 | claim 19 | claim 20 | claim 22 | paragraph 0054 lines 5-9 | paragraph 0060 lines 1-4 | claim 24 | Column 1 lines 1-5 Figure 3 and 4 | Column 2 lines 30-32 | paragraph 0038 | column 2 lines 41-46 paragraph 0037 | column 1 lines 55-62 column 2 lines 50-56 | column 2 lines 41-47 | paragraph 0037 lines 2-5 | claim 25 | Figure 3 and 4 | Column 2 lines 41-46 | Column 2 lines 50-61 | claim 27 | Column 2 lines 41-49 | claim 31 | paragraph 0046 lines 11-14 | claim 32 | claim 33 | Figure 3 | claim 26 | claim 34 | paragraph 0054 lines 5-9, claim 2 | claim 3 | paragraph 0096 lines 1-4 | claim 4 | paragraph 0189 lines 7-8 | claim 6 | claim 14 | paragraph 0001 lines 1-3 | paragraph 0037 lines 1-7 | claim 15 | claim 16 | paragraph 0046 lines 1-5 | claim 19 | claim 20 | claim 22 | paragraph 0054 lines 5-9 | paragraph 0060 lines 1-4 | claim 24 | Column 1 lines 1-5 Figure 3 and 4 | Column 2 lines 30-32 | paragraph 0038 | column 2 lines 41-46 paragraph 0037 | column 1 lines 55-62 column 2 lines 50-56 | column 2 lines 41-47 | paragraph 0037 lines 2-5 | claim 25 | Figure 3 and 4 | Column 2 lines 41-46 | Column 2 lines 50-61 | claim 27 | Column 2 lines 41-49 | claim 31 | paragraph 0046 lines 11-14 | claim 32 | claim 33 | Figure 3 | claim 26 | claim 34 | paragraph 0054 lines 5-9 *;
[US2011208302](#) A1 20110825 [X] (GLICKSMAN AVRAHAM [IL])
 [X] 1, 5, 7-9, 21, 2-4, 6, 14-16, 19-20, 22;
[US2008288068](#) A1 20081120 [Y] (KRONOWITZ STEVEN J [US])

[Y] 2-3

* paragraph 0096 lines 1-4 | claim 3 | claim 2 *;

[US2006161253](#) A1 20060720 [Y] (LESH MICHAEL [US])

[Y] 4, 6, 26

* paragraph 0189 lines 5-9 | paragraph 0169 lines 17-19 | paragraph 0189 line 9 | *;

[US2011022171](#) A1 20110127 [Y] (RICHTER MELISSA [US], et al)

[Y] 14-16, 24-29, 31-34

* paragraph 0027 lines 2-4 paragraph 0034 lines 1-4 | Figure 5 | paragraph 0033 lines 1-3 |

paragraph 0033 lines 8-13 | paragraph 0001 lines 1-3 | paragraph 0037 lines 1-7 | paragraph

0027 lines 8-10 | paragraph 0051 lines 3-4 | paragraph 0046 lines 1-5 | Figure 5 paragraph 0033

| paragraph 0033 lines 11-13 | paragraph 0053 lines 8-12 | *;

[US2013261745](#) A1 20131003 [Y] (VAN EPPS DENNIS [US])

[Y] 22, 34

* Figure 1A | paragraph 0054 lines 5-9 | paragraph 0060 lines 1-4 | paragraph 0054 lines 5-9 *;

[US5236454](#) A 19930817 [A] (MILLER ARCHIBALD S [US])

CTNP

- || STSE (A1)

[A] - <https://web.archive.org/web/20150424062335/https://ww5.komen.org/BreastCancer/BreastReconstruction.html>(Year: 2015)

CCI

- [A61F2/12](#) ; [A61F2/52](#) ; [A61L27/18](#) ; [A61L27/56](#)

CCA

- [A61F2/0063](#) ; [A61F2230/0063](#) ; [A61F2250/0003](#) ; [A61F2250/0004](#) ; [A61L2430/04](#)

CLC

- [A61L27/18](#), [C08L83/04](#), INV

CI

- A61F2/0059 (KR, US)

- A61F2/12 (EP, KR, US)

- A61F2/52 (EP, US)

- A61L27/18 (EP, KR)

- A61L27/3604 (KR)

- A61L27/56 (EP, KR)

- C08L83/04 (KR)

CA

- A61B2017/00796 (KR)

- A61F2/0063 (EP)

- A61F2230/0063 (EP, KR, US)

- A61F2250/0003 (EP, KR)

- A61F2250/0004 (EP, KR)

- A61L2430/04 (EP, KR, US)

CL

- A61L27/18, C08L83/04, INV (EP)

PA

- LIFECELL CORP [US]

TI

- **BREAST TREATMENT DEVICE**

AB

- The present disclosure provides devices and methods for treating a **breast**. The system can include a low-density **implant**, wherein the **implant** comprises a material that does not allow fluid accumulation within the **implant**. In addition, the system can include an **acellular tissue matrix** composition, wherein the low-density **implant** and **acellular tissue matrix** are configured to allow implantation of the low-density **implant** and **acellular tissue matrix** composition within a **breast** site.

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PN - [US2018055624](#) A1 20180301

PR - US201715691865 20170831; US201662381865P 20160831

AP - [US201715691865](#) 20170831

DT - *, Rep

CT - || STSE (A1)
[US2017348088](#) A1 20171207 [X] (BUNCE ANTONIO M [US], et al)
[X] 11-12, 14-17
* Claim 11 | Figures 14 and 16-17 | paragraphs [0005-0006], [0031] and [0034] | Figures 12-17 | Figure 14 paragraphs [0098-0099] | paragraphs [0098-0100] | Figure 17 | paragraph [0098] | paragraph [0096] | paragraph [0103] | Figure 12 | Claim 12 | abstract paragraphs [0005-0008], [0031-0033] | Claim 14 | paragraphs [0002-0003] and [0041] | Claim 16 | Figures 14 and 16 paragraphs [0102-0103] | Claim 17 | *;
[US2011022171](#) A1 20110127 [Y] (RICHTER MELISSA [US], et al)
[Y] 11-17
* Claim 11 | Figures 1-2 and 4 | paragraphs [0027], [0032] and [0043] | paragraphs [0032-0033] | Claim 12 | Claim 13 | paragraphs [0052-0053] | Claim 14 | paragraphs [0053] and [0062] | Claim 16 | paragraph [0038] | Claim 17 | paragraphs [0038-0040] *;
[US2015223928](#) A1 20150813 [Y] (LIMEM SKANDER [US], et al)
[Y] 11-17
* Figure 7 | paragraphs [0045], [0064] and [0107] *;
[US5584884](#) A 19961217 [A] (PIGNATARO ANTHONY S [US])

CCI - [A61F2/12](#) ; [A61L27/362](#) ; [A61L27/3666](#) ; [A61L27/3695](#) ; [A61L27/56](#)

CCA - [A61F2/0063](#) ; [A61F2210/0057](#) ; [A61F2220/0008](#) ; [A61F2230/0008](#) ; [A61F2230/0013](#) ; [A61L2430/04](#)

CI - A61F2/12 (EP, US)
A61L27/362 (EP, US)
A61L27/3641 (US)
A61L27/3666 (EP)
A61L27/3695 (EP, US)
A61L27/56 (EP, US)

CA - A61F2/0063 (EP)
A61F2210/0057 (EP)
A61F2220/0008 (EP, US)
A61F2230/0008 (EP)
A61F2230/0013 (EP, US)
A61L2430/04 (EP, US)

PA - LIFECELL CORP [US]

TI - **BREAST TREATMENT DEVICE**

AB - The present disclosure provides devices and methods for treating breasts. The devices can include an **acellular tissue matrix** having a predefined shape that allows for complete or enhanced coverage of an anterior portion of a **breast implant** or **tissue expander** or to support an **implant** and/or surrounding tissues.

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PN - [WO2018067433](#) A1 20180412

PR - US201662403344P 20161003

AP - [WO2017US54712](#) 20171002

DT - **

CT - |EP| ISR (A1)
[US2011022171](#) A1 20110127 [Y] (RICHTER MELISSA [US], et al)

[Y] 24-34
 * figure 5 *
 * paragraph [0010] *
 * paragraph [0025] - paragraph [0027] *
 * paragraph [0032] - paragraph [0033] *;
[US3366975](#) A 19680206 [Y] (PANGMAN WILLIAM J)
 [Y] 24,25,27,31-33
 * column 1, line 10 - line 17; figures 1,2 *
 * column 4, line 1 - line 34 *;
[WO2014118773](#) A1 20140807 [Y] (IMPLITE LTD [IL])
 [Y] 24-35
 * page 9, line 18 - page 10, line 6 *
 * page 10, line 27 - page 11, line 10 *
 * page 19, line 32 - page 20, line 22 *
 * figures 1-6F *;
[WO2008081439](#) A2 20080710 [Y] (IMPLITE LTD [IL], et al)
 [Y] 24,25,28-32,34
 * page 2, line 5 - page 3, line 22; figures 1-19 *;
[WO2013192197](#) A1 20131227 [Y] (LIFECCELL CORP [US])
 [Y] 24-35
 * paragraph [0006] *
 * paragraph [0011] *
 * paragraph [0025] *
 * figures 1A-7D *
 * paragraph [0052] *;
[US2012226352](#) A1 20120906 [Y] (BECKER HILTON [US])
 [Y] 24-35
 * paragraph [0043] - paragraph [0044] *
 * paragraph [0049] - paragraph [0052] *
 * figures 4-17 *

CCI	- A61F2/12 ; A61F2/52 ; A61L27/18 ; A61L27/56
CCA	- A61F2/0063 ; A61F2230/0063 ; A61F2250/0003 ; A61F2250/0004 ; A61L2430/04
CLC	- A61L27/18 , C08L83/04 , INV
CI	- A61F2/0059 (KR, US) - A61F2/12 (EP, KR, US) - A61F2/52 (EP, US) - A61L27/18 (EP, KR) - A61L27/3604 (KR) - A61L27/56 (EP, KR) - C08L83/04 (KR)
CA	- A61B2017/00796 (KR) - A61F2/0063 (EP) - A61F2230/0063 (EP, KR, US) - A61F2250/0003 (EP, KR) - A61F2250/0004 (EP, KR) - A61L2430/04 (EP, KR, US)
CL	- A61L27/18, C08L83/04, INV (EP)
PA	- LIFECCELL CORP [US]
TI	- BREAST TREATMENT DEVICE

AB - The present disclosure provides devices and systems for treating a **breast**. A system (30) includes a low-density **implant** (10), wherein the **implant** comprises a material that does not allow fluid accumulation within the **implant**, and an **acellular tissue matrix** composition (20), wherein the low-density **implant** and **acellular tissue matrix** are configured to allow implantation of the low-density **implant** and **acellular tissue matrix** composition within a **breast** site.

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PN - [WO2018045118](#) A1 20180308

PR - US201662381865P 20160831

AP - [WO2017US49516](#) 20170831

DT - **

CT - *[EP] ISR (A1)*

[WO2016186803](#) A1 20161124 [XPI] (LIFECCELL CORP [US])

[XP] 1-13,19-26

** paragraph [0057] - paragraph [0059] **

** paragraph [00110] - paragraph [00119] **

** figure 11 **

[I] 14-18;

[EP3034038](#) A1 20160622 [XI] (BEIJING RUIJIAN GAOKE BIOTECHNOLOGY CO LTD [CN])

[X] 1-6,8

** paragraph [0028] **

** paragraph [0015] - paragraph [0018] **

** figures 1a, 5 **

[I] 7;

[US2011022171](#) A1 20110127 [XY] (RICHTER MELISSA [US], et al)

[X] 9-13,19-26

** paragraph [0026] - paragraph [0033] **

** paragraph [0039] - paragraph [0045] **

** figures 1-7, 12, 13 **

** paragraph [0053] **

[Y] 1-8,14-18;

[WO2015065923](#) A1 20150507 [XI] (UNIV CALIFORNIA [US])

[X] 9,10,12,13,19,20,22-26

** paragraph [0008] - paragraph [0010] **

** paragraph [0030] **

** paragraph [0051] - paragraph [0055] **

** paragraph [0084] - paragraph [0085] **

** figures 7, 8 **

[I] 11,21;

[US2015250582](#) A1 20150910 [X] (GREENHALGH E SKOTT [US], et al)

[X] 9,14,18,19

** paragraph [0029] - paragraph [0031]; figures 6, 16, 18 *;*

[WO2012122215](#) A2 20120913 [IY] (GALATEA CORP [US], et al)

[I] 1-8

** paragraph [0091] - paragraph [0094] **

** paragraph [0014] **

** figures 6A, 6B **

[Y] 1-8;

[US2015223928](#) A1 20150813 [Y] (LIMEM SKANDER [US], et al)

[Y] 1-8,14-18

** figures 5, 7 **

** paragraph [0104] - paragraph [0108] **

- CCI - [A61F2/12](#) ; [A61L27/362](#) ; [A61L27/3666](#) ; [A61L27/3695](#) ; [A61L27/56](#)
- CCA - [A61F2/0063](#) ; [A61F2210/0057](#) ; [A61F2220/0008](#) ; [A61F2230/0008](#) ; [A61F2230/0013](#) ; [A61L2430/04](#)
- CI - A61F2/12 (EP, US)
- A61L27/362 (EP, US)
- A61L27/3641 (US)
- A61L27/3666 (EP)
- A61L27/3695 (EP, US)
- A61L27/56 (EP, US)
- CA - A61F2/0063 (EP)
- A61F2210/0057 (EP)
- A61F2220/0008 (EP, US)
- A61F2230/0008 (EP)
- A61F2230/0013 (EP, US)
- A61L2430/04 (EP, US)
- PA - LIFECELL CORP [US]
- TI - **BREAST** TREATMENT DEVICE
- AB - The present disclosure provides devices for treating breasts. The devices (100) include a sheet of **acellular tissue matrix** having a predefined shape that allows for complete or enhanced coverage of an anterior portion of a **breast implant** or **tissue expander** or to support an **implant** and/or surrounding tissues. The sheet includes curved upper and lower borders or edges.

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- PN - [US2016199173](#) A1 20160714
- PNFP - US9901440 B2 20180227
- PR - CN201310352373 20130814; WO2014CN78744 20140529
- AP - [US201414911497](#) 20140529
- DT - **
- CT - *// R141 (A1)*
[US6616685](#) B2 20030909 [] (ROUSSEAU ROBERT A [US]);
[US2005228487](#) A1 20051013 [] (KUJAWSKI DENNIS [US]);
[US2007276507](#) A1 20071129 [] (BERTRAM TIMOTHY A [US], et al);
[US2010131075](#) A1 20100527 [] (LUDLOW JOHN W [US], et al);
[US2011224800](#) A1 20110915 [] (LUDLOW JOHN W [US], et al);
[US2012010728](#) A1 20120112 [] (SUN WENDELL [US], et al);
[US2013158658](#) A1 20130620 [] (HAYZLETT MARK [US]);
[US2014128891](#) A1 20140508 [] (ASTANI-MATTHIES AIDA [DE], et al);
[US8758447](#) B2 20140624 [] (SHETTY DHANURAJ S [US], et al);
[US2015150674](#) A1 20150604 [] (ANSORGE HEATHER [US], et al);
[US2015351891](#) A1 20151210 [] (MOSES ARIKHA [US], et al);
[US2016000551](#) A1 20160107 [] (KHOURI ROGER K [US], et al)
// STSE (B2)
[US6616685](#) B2 20030909 [] (ROUSSEAU ROBERT A [US]);
[US8758447](#) B2 20140624 [] (SHETTY DHANURAJ S [US], et al);
[US2005228487](#) A1 20051013 [] (KUJAWSKI DENNIS [US]);

	US2007276507 A1 20071129 [] (BERTRAM TIMOTHY A [US], et al); US2010131075 A1 20100527 [] (LUDLOW JOHN W [US], et al); US2011224800 A1 20110915 [] (LUDLOW JOHN W [US], et al); US2012010728 A1 20120112 [] (SUN WENDELL [US], et al); US2013158658 A1 20130620 [] (HAYZLETT MARK [US]); US2014128891 A1 20140508 [] (ASTANI-MATTHIES AIDA [DE], et al); US2015150674 A1 20150604 [] (ANSORGE HEATHER [US], et al); US2015351891 A1 20151210 [] (MOSES ARIKHA [US], et al); US2016000551 A1 20160107 [] (KHOURI ROGER K [US], et al)
CCI	- A61F2/12 ; A61L27/3641
CCA	- A61F2230/0095 ; A61F2240/001 ; A61L2430/04
CI	- A61F2/12 (EP, US) - A61L27/3641 (EP, US)
CA	- A61F2230/0095 (EP, US) - A61F2240/001 (EP, US) - A61L2430/04 (EP, US)
PA	- (A1 B2) BEIJING RUIJIAN GAOKE BIOTECHNOLOGY CO LTD [CN]
TI	- (A1) Breast Prosthesis Support Device Based on Tissue Matrix Material, and Preparation Method Therefor - (B2) Breast prosthesis support device based on tissue matrix material, and preparation method therefor
AB	- (A1 B2) The present invention relates to a support device for breast prosthesis based on an acellular matrix material of a biological tissue . The support device for breast prosthesis is formed by tailoring a membranaceous material into a petal-shaped planar biological matrix blank and by connecting adjacent edges thereof. The support device can match with the breast prosthesis ; and provide a support, fixation and coverage for the breast prosthesis in various surgical operations such as mammoplasty and breast orthopedics, to avoid the ptosis and translocation of the breast prosthesis , thereby achieving desirable effects of plastic surgery. Once being implanted, the matrix material of a biological tissue can be integrated into the surrounding breast tissue of the subject, and thus transformed into new tissues in human body without the retention of foreign bodies. The present invention further relates to a method for manufacturing a support device, and a membranaceous biological matrix material.

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PN	- EP3034038 A1 20160622
PNFP	- EP3034038 A4 20170628 - EP3034038 B1 20180509
PR	- CN201310352373 20130814; WO2014CN78744 20140529
AP	- EP20140836791 20140529
DT	- *; Rep
CT	- // STSE (A4) US2007088434 A1 20070419 [XYI] (FRANK ROBERT E [US]) [X] 1,2,4,5,8-10,12,13

* paragraph [0055]; figures 5, 6, 9 *

[Y] 1,3,11

[I] 6,7,14,15;

[US2008281419](#) A1 20081113 [Y] (MATHENY ROBERT G [US], et al)

[Y] 3,11

* paragraph [0017] *;

[US2011022171](#) A1 20110127 [Y] (RICHTER MELISSA [US], et al)

[Y] 3,11

* paragraphs [0038] - [0039] *;

[US2010028396](#) A1 20100204 [Y] (WARD BRIAN RODERICK [NZ], et al)

[Y] 3,11

* paragraphs [0074] , [108] *;

[WO2014041577](#) A1 20140320 [YP] (DECOMED SRL [IT])

[YP] 1

* the whole document *

- CCI - [A61F2/12](#) ; [A61L27/3641](#)
- CCA - [A61F2230/0095](#) ; [A61F2240/001](#) ; [A61L2430/04](#)
- CI - A61F2/12 (EP, US)
- A61L27/3641 (EP, US)
- CA - A61F2230/0095 (EP, US)
- A61F2240/001 (EP, US)
- A61L2430/04 (EP, US)
- PA - (A1 A4 B1)
- BEIJING RUIJIAN GAOKE BIOTECHNOLOGY CO LTD [CN]
- TI - (A1 A4 B1)
- BREAST PROSTHESIS SUPPORT DEVICE BASED ON TISSUE MATRIX MATERIAL, AND PREPARATION METHOD THEREFOR**
- AB - (A1)
- The present invention relates to a support device for **breast prosthesis** based on an **acellular matrix** material of a biological **tissue**. The support device for **breast prosthesis** is formed by tailoring a membranaceous material into a petal-shaped planar biological **matrix** blank and by connecting adjacent edges thereof. The support device can match with the **breast prosthesis**; and provide a support, fixation and coverage for the **breast prosthesis** in various surgical operations such as mammoplasty and **breast** orthopedics, to avoid the ptosis and translocation of the **breast prosthesis**, thereby achieving desirable effects of plastic surgery. Once being implanted, the **matrix** material of a biological **tissue** can be integrated into the surrounding **breast tissue** of the subject, and thus transformed into new tissues in human body without the retention of foreign bodies. The present invention further relates to a method for manufacturing a support device, and a membranaceous biological **matrix** material.

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- PN - [WO2015021807](#) A1 20150219
- PR - CN201310352373 20130814
- AP - [WO2014CN78744](#) 20140529
- DT - **
- CT - /CN/ ISR (A1)
- [CN103393482](#) A 20131120 [XP] (BEIJING RUIJIAN GAOKE BIOTECHNOLOGY CO LTD);
- CN203447388U U 20140226 [XP] (BEIJING RUIJIAN GAOKE BIOLOG SCIENCE & TECHNOLOGY CO

LTD);

[CN103068413](#) A 20130424 [A] (LIFECCELL CORP);

[WO2012149253](#) A1 20121101 [A] (LIFECCELL CORP [US], et al);

[EP0230672](#) A2 19870805 [A] (AMERICAN HOSPITAL SUPPLY CORP [US]);

[CN101480360](#) A 20090715 [A] (GUANGDONG SUMMIT LIFE SCIENCES [CN]);

[US2011035004](#) A1 20110210 [A] (MAXWELL G [US]);

[CN102470032](#) A 20120523 [A] (LIFECCELL CORP);

[CN103108661](#) A 20130515 [A] (LIFECCELL CORP);

[US2006030939](#) A1 20060209 [A] (FRANK ROBERT E [US])

- CCI - [A61F2/12](#) ; [A61L27/3641](#)
- CCA - [A61F2230/0095](#) ; [A61F2240/001](#) ; [A61L2430/04](#)
- CI - A61F2/12 (EP, US)
- A61L27/3641 (EP, US)
- CA - A61F2230/0095 (EP, US)
- A61F2240/001 (EP, US)
- A61L2430/04 (EP, US)
- PA - BEIJING RUIJIAN GAOKE BIOTECHNOLOGY CO LTD [CN]
- TI - **BREAST PROSTHESIS** SUPPORT DEVICE BASED ON **TISSUE MATRIX** MATERIAL, AND PREPARATION METHOD THEREFOR
- AB - The present invention relates to a **breast prosthesis** support device based on an **acellular biological tissue matrix** material. The **breast prosthesis** support device is formed by cutting a membranaceous material into a petal-shaped planar biological **matrix** blank and connecting adjacent edges. The support device is fit with the **breast prosthesis**; and can support, secure, and cover the **breast prosthesis** in various surgical operations such as mammoplasty and **breast** shaping, to avoid ptosis and translocation of the **breast prosthesis**, thereby achieving a desirable cosmetic surgery effect. The biological **tissue matrix** material can be integrated with **breast tissue** surrounding the acceptor after being implanted, and is transformed into human body new **tissue** without retention of foreign matters. The present invention also relates to a method for preparing a support device, and a membranaceous biological **matrix** material.

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- PN - [CN203447388U](#) U 20140226
- PR - CN201320494278U 20130814
- AP - [CN201320494278U](#) 20130814
- DT - I
- CCI - [A61F2/12](#)
- CI - A61F2/12 (EP)
- PA - BEIJING RUIJIAN GAOKE BIOLOG SCIENCE & TECHNOLOGY CO LTD
- TI - **Breast prosthesis** support device based on **tissue matrix** materials
- AB - The utility model relates to a support device used for a **breast prosthesis** on the basis of biological **tissue acellular matrix** materials. According to the support device, membrane materials are cut into petal-shaped plane biological **matrix** blanks, and in addition, adjacent edges are engaged to form a **breast prosthesis** support device. The support device can be matched with the **breast prosthesis**, the support, the fixation and the coverage on the **breast prosthesis** are provided for various surgical operations such as **breast** shaping and orthopaedics, the ptosis and the displacement of the **breast prosthesis** are avoided, and good shaping and hairdressing effects are obtained. After

being implanted, the biological **tissue acellular matrix** materials can be integrated with **breast** tissues around a receptor to be converted into new tissues of human bodies, and no foreign matters exist.

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PN - [AU2013211521](#) A1 20130822

PNFP - AU2013211521B B2 20151203

PR - AU20080322575
20081114; AU20130211521
20130801

AP - [AU20130211521](#) 20130801

DT - I

CT - *// STSE (B2)*
[US2006030939](#) A1 20060209 []
(FRANK ROBERT E [US]);
[US2003036803](#) A1 20030220 []
(MCGHAN JIM J [US])

PA - (A1)
MAXWELL PATRICK
- (B2)
MAXWELL G PATRICK [US]

TI - (A1 B2)
Interfaced medical **implant**
assembly

AB - (A1 B2)
A **breast implant** assembly for
implantation in a patient
includes a **breast implant** having a
shell. The assembly includes a
continuous layer of an **acellular**
dermal non-bioabsorbable
coating following a contour of
only a portion of the exterior
surface of said shell. The coating
layer is attached with
attachment means to said shell
of said **breast implant**. Said
coating layer forms a **matrix** or
foundation for **tissue**
regeneration and
revascularization of
natural **tissue** of said patient,
therewith said coating layer
forming a capsular contracture
inhibiting layer. There is no
requirement to suture said
coating layer to the natural **tissue**
of said patient.

