

Diego Gonzalez Castillo

1) Family number: 41147375 (US2008027486A)

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Title: MINIMALLY-INVASIVE NIPPLE-LIFT PROCEDURE AND APPARATUS

Abstract: Medical devices and methods are provided for a minimally-invasive mastoplasty procedure. In the procedure, barbed sutures are used to accomplish a nipple-lift by deploying the sutures cranially from the nipple-areolar complex to stable anatomical features higher on the chest. Additional barbed sutures may be used to accomplish a breast-lift and/or breast contouring by deploying the sutures caudally from stable anatomical features into the breast tissue.

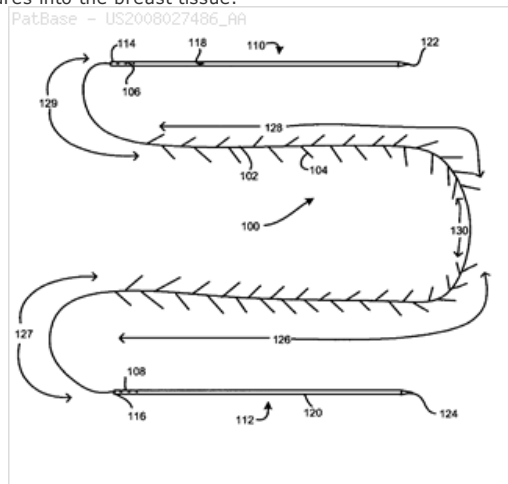
Classifications:

International (IPC 8-9): A61B17/04 A61B17/06 (Advanced/Invention); A61B17/04 A61B17/06 (Core/Invention)

CPC: A61F2/12 A61B17/0469 A61B17/06166 A61B2017/00792 A61B2017/00796 A61B2017/0496 A61B2017/06028 A61B2017/06057 A61B2017/06176 A61F2/0063

European: A61B17/04E A61B17/06S K61B17/00R7 K61B17/00R8 K61B17/04T K61B17/06A9 K61B17/06D K61B17/06S4 K61F2/00H

US: 128/898 606/224 606/228 606/228P 606/232



Family:

Publication number	Publication date	Application number	Application date
US2008027486 AA	20080131	US20070829550	20070727
US2008077181 AA	20080327	US20070829535	20070727
US2008082129 AA	20080403	US20070829423	20070727
US2008086169 AA	20080410	US20070829539	20070727
US2008086170 AA	20080410	US20070829563	20070727
US7871425 BB	20110118	US20070829550	20070727
WO08014491 A1	20080131	WO2007US74658	20070727

Priority:

US20060833999P 20060728	US20070829423 20070727	US20070829535 20070727
US20070829539 20070727	US20070829550 20070727	US20070829563 20070727

Probable Assignee: ANGIOTECH PHARMACEUTICALS INC

Assignee(s): (std): JONES RICHARD G ; SCHLECTER BENJAMIN ; ANGIOTECH PHARM INC

Assignee(s): ANGIOTECH PHARMACEUTICALS INC ; WELLS FARGO FOOTHILL LLC AS AGENT ; WELLS FARGO FOOTHILL LLC AGENT AS ; WELLS FARGO CAPITAL FINANCE LLC ADMINISTRATIVE AGE ; SURGICAL SPECIALTIES CORP ; WELLS FARGO CAPITAL FINANCE LLC ADMINISTRATIVE AGENT AS ; AMERICAN MEDICAL INSTRUMENTS HOLDINGS INC ; ANGIOTECH AMERICA INC ; ANGIOTECH BIOCOATINGS CORP ; ANGIOTECH INT HOLDINGS CORP ; QUILL MEDICAL INC ; ETHICON INC ; ETHICON LLC ; ANGIOTECH PHARMACEUTICALS US INC ; BG SULZLE INC ; MANAN MEDICAL PRODUCTS INC ; MEDICAL DEVICE TECHNOLOGIES INC ; CAPITAL ONE NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS

Inventor(s): (std): JONES RICHARD G ; SCHLECTER BENJAMIN ; SCHLECHTER BENJAMIN

Inventor(s): JONES RICHARD

Agent(s): FLIESLER MEYER LLP; ANGIOTECH; MEYER SHELDON R ET AL

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

2) Family number: 43362871 (US2009149953A)

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Title: FORM STABLE BREAST IMPLANT SIZER AND METHOD OF USE

Abstract: An insertable preformed sizer for a breast implant that regains its form after deformation and insertion into a cavity

formed within breast tissue. The sizer is used to evaluate the size of the cavity and help determine proper sizes and shapes of breast implants to use. The implant sizer is intended to be disposable and is made of a cost-efficient material such as a medical grade foam or elastomer. The foam or elastomer material has the ability to be squeezed or collapsed into an extremely small delivery shape and then resiliently expand back to its original shape against the constraining forces of surrounding breast tissue.

Classifications:

International (IPC 8-9): A61B17/02 A61B19/00 A61F2/12 A61L27/00

A61L27/50 (Advanced/Invention);

A61B17/02 A61B19/00 A61F2/12 A61L27/50 (Advanced/Non-invention);

A61F2/12 (Core/Invention)

International (IPC 1-7): A61F2/12

CPC: A61B90/02 A61B90/06 A61B2017/00716 A61B2090/061 A61F2/12

A61F2250/0059

European: A61B19/46 A61F2/12 K61B17/00Q6P K61B19/24 K61B19/46B

K61F250/00W1

US: 623/8 623/8P

JP F-Term: 4C081 4C081/AA14 4C081/BA02 4C081/CA04 4C081/CB01

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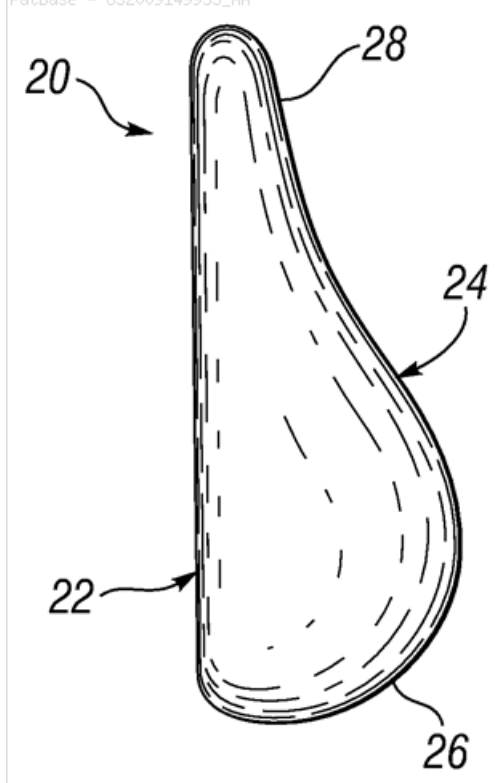
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JP F-Index: A61F2/12 A61L27/00/Z A61L27/14 A61L27/50

A61L27/36/320

PatBase - US2009149953_AA



Family:

Publication number	Publication date	Application number	Application date
AU2008335446 AA	20090618	AU20080335446	20081204
BRPI0820965 A2	20150623	BR2008PI20965	20081204
CA2708306 AA	20090618	CA20082708306	20081204
CN101909547 A	20101208	CN200880124302	20081204
EP2229125 A1	20100922	EP20080859032	20081204
IN04384DN2010 A	20101126	IN2010DN04384	20100618
JP2011505977 T2	20110303	JP20100538059T	20081204
JP2013215584 A2	20131024	JP20130111063	20130527
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RU2010127784 A	20120120	RU20100127784	20081204
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Priority:

US20070012654 20071210 US20070012654P 20071210 US20080275111 20081120
JP20100538059 20081204 JP20100538059T 20081204 WO2008US85473 20081204

Probable Assignee: ALLERGAN INC

Assignee(s): (std): ALLERGAN INC ; SCHUESSLER DAVID J ; TORJESEN ERIK

Inventor(s): (std): TORJESEN ERIK ; SCHUESSLER DAVID J ; ERIK TORJESEN

Inventor(s): DAVID J SCHUESSLER

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; HOFFMANN EITLE; TANAKA MITSUO; YAMADA TAKUJI; ALLERGAN INC; VOET MARTIN ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

3) Family number: 32612663 (US2006030939A)

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Title: IMPLANTABLE PROSTHESIS FOR POSITIONING AND SUPPORTING A BREAST IMPLANT

Abstract: An implantable prosthesis for use in positioning a breast implant comprising a sheet of a prosthetic material configured to form a sling-shaped receiving area for receiving and supporting the breast implant. The surface area of the implantable prosthesis contacting the breast implant comprises a biocompatible or chemically inert material to prevent abrasion of or reaction

with the breast implant. The implantable prosthesis of the present invention can be used during corrective procedures to reposition and support a malpositioned breast implant or during reconstructive or cosmetic procedures at the time the implant is first positioned within the patient. The prosthesis is used with implants in the partial sub-muscular, completely sub-muscular, and sub-glandular position and is used to prevent medial, lateral and inferior displacement of the implant.

Classifications:

International (IPC 8-9): A61B A61B17/08 A61F A61F2/00

A61F2/12 (Advanced/Invention);

A61B17/03 A61F2/00 A61F2/12 (Core/Invention)

International (IPC 1-7): A61F2/12

CPC: A61F2/0063 A61F2/12

European: A61F2/12

US: 623/8 623/8P 623/902 623/902S

JP F-Term: 4C097 4C097/AA19 4C097/BB01 4C097/CC01 4C097/CC02

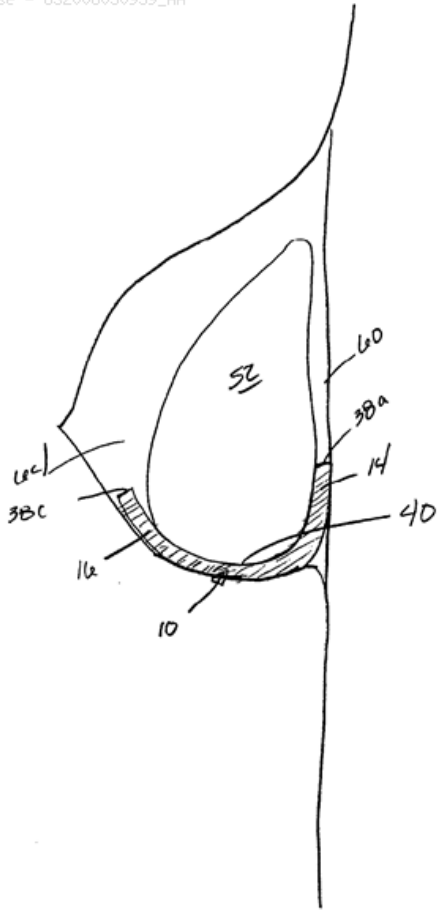
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4C097/MM03 4C097/MM04

JP F-Index: A61F2/12

PatBase - US2006030939_AA



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EP1773210 A2	20070418	EP20050784882	20050808
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Priority:

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US20110219313	20110826				

Probable Assignee: LIFECCELL CORP

Assignee(s): (std): FRANK ROBERT E ; ROBERT FRANK

Assignee(s): WILMINGTON TRUST NATIONAL ASSOCIATION ; WILMINGTON TRUST NATIONAL ASSOCIATION
COLLATERAL AGENT AS ; LIFECCELL CORP

Inventor(s): (std): FRANK ROBERT E

Inventor(s): ROBERT E FRANK ; FRANK ROBERT

Agent(s): SPRUSON AND FERGUSON; BLAKE CASSELS AND GRAYDON LLP; ORIENTAL INTELLECTUAL PROPERTY
SERVICES CO; ITO TAKAMI; ONO SHINJIRO; SHAMOTO ICHIO; KOBAYASHI YASUSHI; TOMITA HIROYUKI;

CHIBA AKIO; PATZIK FRANK AND SAMOTNY LTD; MCDONALD HOPKINS LLC; EARP III ROBERT H; ROBERT H; LEYDIG VOIT AND MAYER LTD; SHAFTAL MAX ET AL

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

4) Family number: 50847197 (US2012078831A)

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Title: BREAST IMPLANT SURGICAL DECISION SUPPORT SYSTEM AND METHOD

Abstract: Computer-assisted planning of breast implant surgery apparatus and methods are provided which generally include an anatomical input module configured to receive anatomical information indicative of pre-implant anatomical properties of a patient's breast, a preference module configured to receive preference information indicative of a desired post-implant anatomical property of a patient's breast, a tissue expander selection module configured to receive the anatomical and the preference information, and, based at least in part on the anatomical and preference information, to output recommended expander information indicating at least one tissue expander from an available plurality of tissue expanders, and an implant selection module configured to receive the anatomical and the preference information, and, based at least in part on the anatomical and preference information, to output recommended implant recommendation information indicating at least one implant from an available plurality of implants.

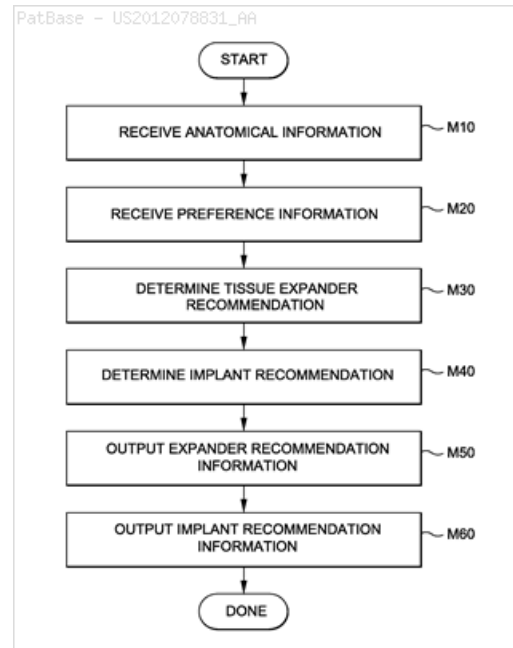
Classifications:

International (IPC 8-9): A61B19/00 A61F2/12 G06F17/00
G06F17/50 (Advanced/Invention)

CPC: A61B34/10 A61B2034/105 A61F2/12

European: A61B19/50 K61B19/50B4 K61F2/12

US: 706/46 706/46P



Family:

Publication number	Publication date	Application number	Application date
US2012078831 AA	20120329	US20110246546	20110927
WO12050830 A1	20120419	WO2011US53452	20110927

Priority:

US20100387371P 20100928 US20110246546 20110927

Probable Assignee: ALLERGAN INC

Assignee(s): (std): ALLERGAN INC ; NEWCOTT BENJAMIN J

Inventor(s): (std): NEWCOTT BENJAMIN J

Agent(s): FOX LINDA A ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

5) Family number: 64519735 (US2016374720A)

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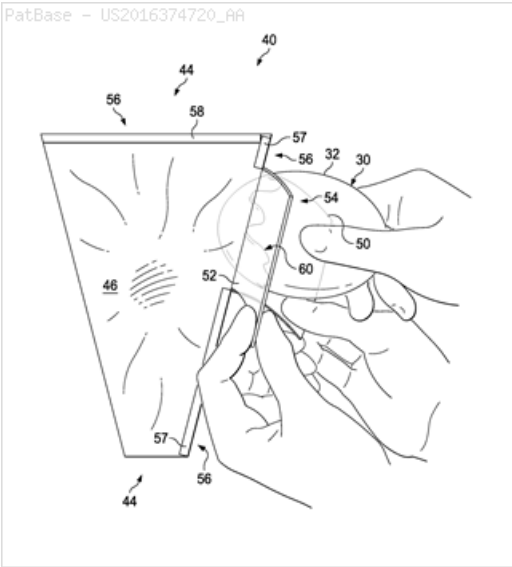
Title: SEALED DISTAL END PROSTHESIS INSERTION BAG

Abstract: An apparatus and method for inserting prosthesis implants into a patient pocket. The apparatus has two openings including a prosthesis opening and a proximal opening. The prosthesis bag is a container with a wide sealed distal end and passage to a narrow apex. The apparatus reduces infection; eases insertion and placement of a cohesive silicone gel implant; and reduces complications. In use, the prosthesis bag is placed through the patient incision while allowing the bag to be manipulated to force the prosthesis into a surgical pocket of a patient.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/02 A61B17/34 A61F2/00

A61F2/12 (Advanced/Invention);
A61B17/00 A61B17/02 (Advanced/Non-invention)
International (IPC 1-7): A61F2/12
CPC: A61B17/3468 A61B17/02 A61B2017/00796 A61F2/0095
A61F2230/0067 A61F2/12 A61B2017/00792 A61B2017/00969
US: 1/1 623/8



Family:

Publication number	Publication date	Application number	Application date
BR112019001814 A2	20190507	BR20191101814	20170922
CA3024933 AA	20181119	CA20173024933	20170922
EP3509540 A1	20190717	EP20170849798	20170922
KR20190085909 A	20190719	KR20197002249	20170922
US2016374720 AA	20161229	US20160261196	20160909
US2018070984 AA	20180315	US20170666367	20170801
US9936973 BB	20180410	US20160261196	20160909
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WO18049428 A1	20180315	WO2017US52996	20170922

Priority:

US20160348338P 20160610 US20160261196 20160909 US20170666367 20170801
WO2017US52996 20170922

Probable Assignee: ANDERSON ROBERT G

Assignee(s): (std): ANDERSON ROBERT G ; CAMERON JON ; ROBERT G ANDERSON

Inventor(s): (std): CAMERON JON ; ANDERSON ROBERT G ; ROBERT G ANDERSON

Agent(s): KIRBY EADES GALE BAKER; BARKER BRETTELL LLP; KIRBY B; KLEMCHUK LLP; KIRBY; DRAKE KIRBY B

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

6) Family number: 63664478 (US2016278808A)

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Title: ASYMMETRICAL DUAL PROXIMAL END INSERTION BELLOW

Abstract: An apparatus and method for inserting prosthesis implants into a patient pocket. The apparatus has three openings including a prosthesis opening, a large proximal opening, and a small proximal opening. The apparatus prevents infection; eases insertion and placement; and reduces complications. In use, the bellow is placed through the patient incision while allowing the bellow to be manipulated to force the prosthesis into a surgical pocket of a patient. Then the bellow is rotated so the distal end becomes the proximal end and inserted into the second incision while allowing the bellow to be manipulated to force the prosthesis into the second pocket.

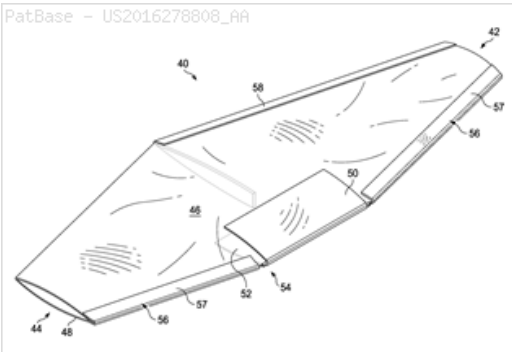
Classifications:

International (IPC 8-9): A61B17/00 A61B17/02 A61B17/34 A61B90/17
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A61B17/00 A61F2/12 (Advanced/Non-invention)

International (IPC 1-7): A61B17/02 A61F2/12 A61L27/50

CPC: A61B2017/00836 A61B2017/00862 A61B17/02 A61B17/3468
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US: 1/1 623/8



Family:

Publication number	Publication date	Application number	Application date
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EP3468483 A1	20190417	EP20170810651	20170202
EP3468483 A4	20191218	EP20170810651	20170202
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Priority:

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US20170661427 20170727 US20180117696 20180830

Probable Assignee: ANDERSON ROBERT G

Assignee(s): (std): ANDERSON ROBERT G ; ROBERT G ANDERSON

Inventor(s): (std): ROBERT G ANDERSON ; ANDERSON ROBERT G

Agent(s): KIRBY EADES GALE BAKER; BARKER BRETTELL LLP; KIRBY B; KLEMCHUK LLP; DRAKE KIRBY; DRAKE KIRBY B

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

7) Family number: 11681777 (US5607477A)

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Title: Soft tissue augmentation apparatus

Abstract: A soft tissue augmentation kit comprises a flexible implant and an insertion tool for the implant. The implant is formed of a biocompatible material that is permeable to red blood cells and includes a cavity. The cavity opens to the exterior and permits fibrous tissue ingrowth. The insertion tool carries the implant via the cavity for insertion into selected soft tissue. When the insertion tool is removed the implant is left in the selected tissue.

Classifications:

International (ipc 8-9): A61F2/00 A61F2/02

A61L27/00 (Advanced/Invention);

A61F2/02 A61L27/00 (Advanced/Non-invention)

International (ipc 1-7): A61B17/34 A61F2/02 A61F2/10 A61L27/00

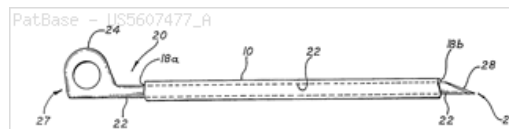
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European: A61F2/00C

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JP F-Term: 4C081 4C081/AB37 4C081/AB38 4C081/AC16 4C081/BA12 4C081/BA13 4C081/BA16 4C081/BA17 4C081/BB02 4C081/BB07 4C081/BB08 4C081/BC02 4C081/BC03 4C081/CA13 4C081/CA16 4C081/CA17 4C081/CA23 4C081/CD27 4C081/CE02 4C081/DA02 4C081/DA03 4C081/DA04 4C081/DB06 4C081/DC12 4C081/DC14 4C081/DC15 4C097 4C097/AA14 4C097/AA30 4C097/BB01 4C097/CC01 4C097/DD12 4C097/EE06 4C097/FF05 4C097/FF11

JP F-Index: A61F2/02 A61L27/00/R A61L27/14 A61L27/16 A61L27/40 A61L27/50 A61L27/54 A61L27/56 A61L27/58



Family:

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Priority:

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Probable Assignee: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

Assignee(s): (std): UNIV CALIFORNIA

Assignee(s): UNIV OF CALIFORNIA ; THE UNIV OF CALIFORNIA ; MAAS COREY ; OF CALIFORNIA UNIV ; SCHINDLER

ROBERT ; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA ; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA OAKLAN ; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA OAKLAND

Inventor(s): (std): MAAS COREY ; SCHINDLER ROBERT

Inventor(s): ROBERT SCHINDLER ; COREY MAAS

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; SMART AND BIGGAR

Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GE GN GR HU IE IT JP KE KG KP KR KZ LI LK LT LU LV MC MD MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN TD TG TJ TT UA UZ VN

8) Family number: 51903552 (US2012283826A)

© PatBase

Title: SYSTEMS AND METHODS FOR MASTOPEXY

Abstract: A mastopexy implant for maintaining the breast in an elevated and aesthetically pleasing position includes a lower pole support comprising end portions which may be affixed to the chest wall or to a previously installed upper suspension strut. The implant is loaded in an insertion device. The insertion device is inserted through a small incision and into a subcutaneous pocket created in an inferior half of the breast. The lower pole support may have various constructs and in one embodiment includes a unitary conformable mesh having a plurality of arm or band members which are attached across the breast parenchyma and to the chest wall.

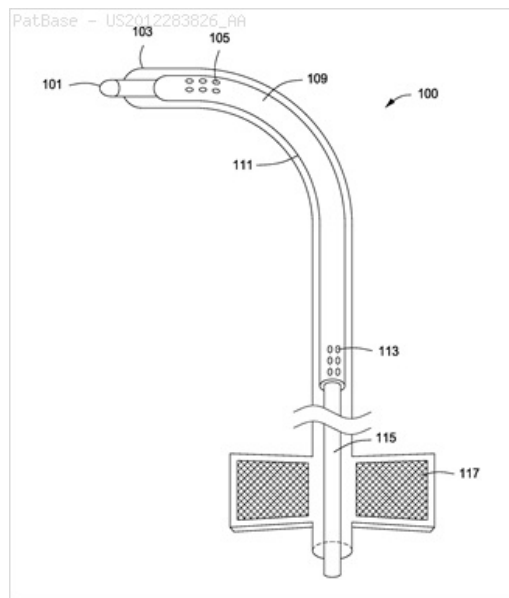
Classifications:

International (IPC 8-9): A61B18/00 A61F2/00 A61F2/12 A61F2/52
A61L27/14 A61L31/06 A61L31/14 C08L101/16 (Advanced/Invention);
A61F2/00 (Advanced/Non-invention)

CPC: A61B17/32 A61B17/3468 A61B18/1492 A61B2017/00792
A61B2017/00796 A61B2017/320048 A61B2018/00333 A61B2018/00595
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A61F2002/0068 A61F2210/0004 A61F2220/0008 A61F2230/001
A61F2230/0013 A61F2230/0058 A61F2230/0076 A61L31/148 A61B18/00
A61F2002/0072 A61L31/06 A61L31/146

European: A61F2/12

US: 1/1 623/8



Family:

Publication number	Publication date	Application number	Application date
BR112013020638 A2	20161025	BR20131120638	20120307
CA2829201 AA	20130905	CA20122829201	20120307
CA2829201 AA	20120913	CA20122829201	20120307
CA2829201 C	20190312	CA20122829201	20120307
DE602012046915 D1	20180628	DE201260046915T	20120307
DE602012065568 D1	20191128	DE201260065568T	20120307
EP2683329 A2	20140115	EP20120754773	20120307
EP2683329 A4	20140827	EP20120754773	20120307
EP2683329 B1	20180530	EP20120754773	20120307
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ES2684949 T3	20181005	ES20120754773T	20120307
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TR201921739 T4	20200121	TR20190021739T	20120307
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US2014222146 AA	20140807	US20140249155	20140409
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US2017143475 AA	20170525	US20170428268	20170209
US2019216595 AA	20190718	US20190362090	20190322
US8858629 BB	20141014	US20120413770	20120307
US9277986 BB	20160308	US20140249155	20140409
US9585744 BB	20170307	US20150830685	20150819
US10258460 BB	20190416	US20170428268	20170209
WO12122215 A2	20120913	WO2012US27975	20120307
WO12122215 A3	20130103	WO2012US27975	20120307

Priority:

US20110451103P	20110309	US20120604242P	20120228	EP20120754773	20120307
EP20170159246	20120307	US20120413770	20120307	WO2012US27975	20120307
US20140249155	20140409	US20150830685	20150819	US20170428268	20170209

Probable Assignee: TEPHA INC

Assignee(s): (std): GALATEA CORP ; MOSES ARIKHA ; NATALE ANTHONY ; STIRES EMILY ; TEPHA INC

Assignee(s): TEPHA INC LEXINGTON ; TEPHA ACQUISITION CORP

Inventor(s): (std): NATALE ANTHONY ; STIRES EMILY ; MOSES ARIKHA

Inventor(s): MOSES ARIKHA NEW YORK ; STIRES EMILY NESHANIC STATION ; NATALE ANTHONY NEW PRESTON ; NATALE ANTHONY NEW YORK ; EMILY STIRES ; ANTHONY NATALE ; ARIKHA MOSES

Agent(s): BERESKIN AND PARR LLP SENCRL SRL; POTTER CLARKSON LLP; POTTER CLARKSON; VALLEJO JUAN PEDRO; FULYA SUEMERALP; CONVERGENT LAW GROUP LLP; RICK; BATT RICHARD; BATT RICK

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

9) Family number: 56827826 (US2016280793A)

PatBase

Title: ANTI-LAMP1 ANTIBODIES AND ANTIBODY DRUG CONJUGATES, AND USES THEREOF

Abstract: Antibodies are provided which specifically bind human and Macaca fascicularis lysosomal-associated membrane protein 1 (LAMP1) proteins and immunoconjugates comprising said antibodies conjugated or linked to a growth inhibitory agent. Pharmaceutical compositions comprising antibodies or immunoconjugates of the invention and use of the antibodies or immunoconjugates for the treatment of cancer are also provided, as well as LAMP1 antibodies, isolated nucleic acids, vectors and host cells comprising a sequence encoding said antibodies and the use of said antibody as a diagnostic tool. The application further provides for the detection of LAMP1 gene amplification or gain in cancer cells leading to the determination if patients with cancer are likely to respond to anti-LAMP1 therapy. Therefore, it is proposed an in vitro method of selecting patients with cancer which comprises determining, in a biological sample of a patient with cancer which includes cancer cells, if said patient harbors a LAMP1 gene copy number gain; and selecting the patient based on the presence of LAMP1 gene copy number gain. Anti-LAMP1 therapeutic agent for use for treating cancer in a patient harboring LAMP1 gene copy number gain in cancer cells is further provided.

Classifications:

International (IPC 8-9): A61K A61K31/537 A61K31/551 A61K39/395 A61K47/48 A61K47/68 A61P A61P35/00 C07D498/18 C07K C07K16/18 C07K16/28 C07K16/30 C07K16/46 C07K19/00 C12N1/15 C12N1/19 C12N1/21 C12N15/09 C12N15/13 C12N5/10 C12N5/16 C12Q C12Q1/02 C12Q1/68 C12Q1/6886 G01N33/53 G01N33/574 (Advanced/Invention); A61K39/00 (Advanced/Non-invention); A61K39/395 (Core/Invention); A61K A61P C07K C12Q (Subclass/Invention)

CPC: A61K39/395 A61K47/48384 A61K47/48561 A61K47/48569 A61K47/48584 A61K47/48592 A61K47/48615 A61K47/6809 G01N33/57423 G01N33/57446 A61K47/6803 A61K47/6851 A61K2039/505 A61K47/6849 A61K47/6855 A61K47/6857 A61K47/6863 C07K16/2896 C07K2317/24 C07K2317/33 C07K2317/34 C07K2317/73 C07K2317/77 C07K2317/92 G01N33/574 C07K16/30 C07K16/3023 C07K16/3046 C07K16/3069 C07K2317/41 C07K2317/565 C07K2317/732 C12Q1/6886 C12Q2600/106 C12Q2600/156

US: 1/1 424/178.1

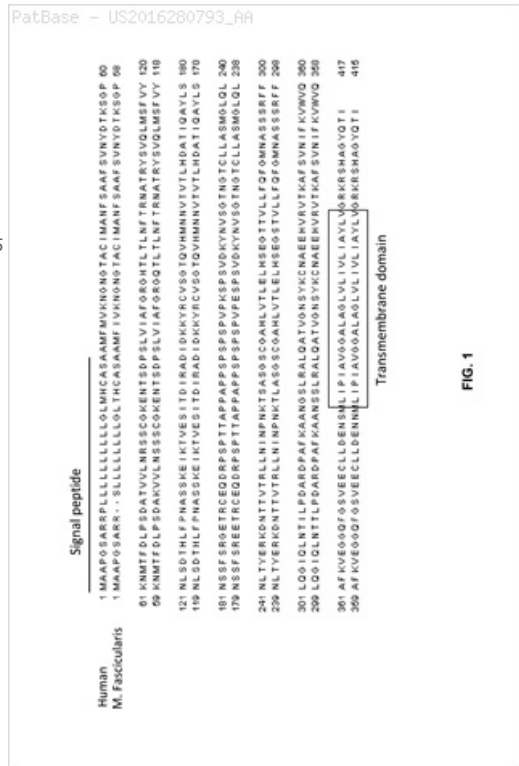
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JP F-Index: A61K31/537 A61K31/551 A61K39/395/C A61K39/395/T A61K47/68 A61P35/00 C07K16/18/ZNA C07K16/46 C12N1/15 C12N1/19 C12N1/21 C12N15/00/A C12N15/13 C12N5/00/101 C12N5/10 C12Q1/02 C12Q1/68/A C12Q1/6886/C C12Q1/6886/Z

JP Facet: ZNA

Family:

Publication number	Publication date	Application number	Application date
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US2016280793 AA	20160929	US20150751598	20150626
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UY35250 A1	20140731	UY20130035250	20131227
WO14102299 A2	20140703	WO2013EP78017	20131226
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Priority:

EP20120306691 20121227 EP20120306694 20121227 WO2013EP78017 20131226
EP20130821489 20131226 US20150751598 20150626 US20170720380 20170929

Probable Assignee: SANOFI

Assignee(s): (std): SANOFI SA ; SAI NUOFEI

Assignee(s): LEFEBVRE ANNE MARIE ; NUNES MANOEL ; MERINO TRIGO ANA ; MATHIEU MAGALI ; BAUDAT YVES ;
BLANCHE FRANCIS ; CAMERON BEATRICE ; DABDOUBI TARIK ; SANOFI

Inventor(s): (std): MERINO TRIGO ANA ; MATHIEU MAGALI ; CAMERON BEATRICE ; NUNES MANOEL ; BLANCHE FRANCIS ;
DABDOUBI TARIK ; LEFEBVRE ANNE MARIE ; BAUDAT YVES ; ANA MERINO TRIGO ; ANNE MARIE LEFEBVRE
; BEATRICE CAMERON ; MANOEL NUNES ; MAGALI MATHIEU ; TARIK DABDOUBI ; YVES BAUDAT ; FRANCIS
BLANCHE ; MERINO FRIGO ANA ; CAMERON BATRICE ; TARIK MARIE DABDOUBI ; ANNE LEFEBVRE ;
CAMERON BERTRICE

Inventor(s): ANA MERINO FRIGO

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD;
FETHERSTONHAUGH AND CO; ESTUDIO CAREY LTDA; MARGARITA CASTELLANOS ABONDANO; BOUVET
PHILIPPE; STEPHAN HELENE; KWAN WONG AND PARTNERS; DR TOETI HERATY N ROOSSENSO; SANDRA A

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU
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IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW
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10) Family number: 52445219 (US2013116711A)

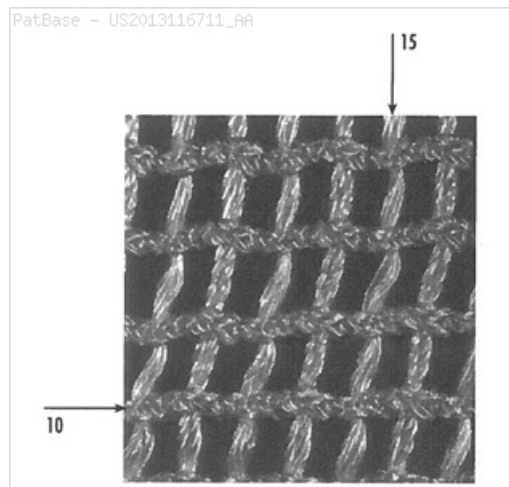
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Title: SILK BASED IMPLANTABLE MEDICAL DEVICES AND METHODS FOR DETERMINING SUITABILITY FOR USE IN HUMANS

Abstract: Methods for determining suitability of an implantable silk scaffold for use in human soft tissue repair by implanting a silk scaffold in a quadruped. The silk scaffold can maintain at least 90 percent of its time zero strength at one month in vivo after implantation. The silk scaffold can maintain at least 90 percent of its time zero strength over a multi-month period in vivo after implantation.

Classifications:

International (IPC 8-9): A61B17/03 A61F2/12 A61L27/00 A61L27/22
A63B21/00 A63B21/02 A63B21/04 A63B21/055 A63B23/02 A63B23/035
A63B23/12 A63B26/00 D04B1/22 D04G5/00 (Advanced/Invention);
A63B21/16 A63B23/00 (Advanced/Non-invention)
CPC: A63B21/00065 A63B21/00069 A63B21/0421 A63B21/0552
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A63B21/4043 A63B23/1236 A63B23/0238 A61L27/3604 A61L27/3645
A63B21/4011
US: 482/121 482/124 482/139 482/91 606/151 623/8 66/170 66/202
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Family:

Publication number	Publication date	Application number	Application date
AU2012332239 AA	20130510	AU20120332239	20121102
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US2013245757 AA	20130919	US20120601254	20120831
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US2014155233 AA	20140605	US20130085386	20131120
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WO12162266 A1	20121129	WO2012US38893	20120521
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Priority:

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Probable Assignee: YOGA BENT LLC**Assignee(s):** (std): ALTMAN GREGORY H ; LATRONICA MIGUEL JAMES ; MORTARINO ENRICO ; OLSEN RAYMOND E ; YOGA BENT LLC ; ALLERGAN INC**Assignee(s):** ALLERGAN INC2525 DUPONT DRIVEIRVINECA92612US**Inventor(s):** (std): LATRONICA MIGUEL JAMES ; ALTMAN GREGORY H ; MORTARINO ENRICO ; OLSEN RAYMOND E**Inventor(s):** OLSEN RAYMOND EUS ; MORTARINO ENRICOUS ; ALTMAN GREGORY HUS**Agent(s):** DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOWLING LAFLEUR HENDERSON LLP; YAMAZAKI HIROSHI; TANAKA MITSUO; OHATA YASUSHI; ENRIQUE; ROSENBAUM IP PC; PEREZ ENRIQUE ET AL; DONOVAN STEPHEN ET AL**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**11) Family number: 12221967** (US2004006388A)

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Title: METHOD FOR SURGICAL DISSECTION, SIZING AND EXPANSION

Abstract: A method for surgical dissection, sizing and for expansion of a tissue pocket in a naturally occurring fascial cleft is disclosed for use in plastic surgery applications and other applications where it is desirable to dissect an anatomically defined and bounded tissue pocket, determine the appropriate size of a prosthesis to be implanted into the tissue pocket and, if necessary, further expand the tissue overlying the tissue pocket. An inflatable device which performs the three distinct functions of dissection, sizing and tissue expansion is used. In a preferred method, a dissecting balloon device is tunneled bluntly to a desired location within a fascial cleft in the female breast. The device is then inflated to dissect tissue layers adjacent the fascial cleft until ligaments defining boundaries of the fascial cleft are reached, to create a tissue pocket extending to the ligamentous boundaries. After dissection, the tissue pocket may be sized by withdrawing/adjusting fluid from the inflatable member until the desired aesthetic appearance is achieved. If immediate or traditional tissue expansion is desired, the inflatable member may be utilized as a tissue expander and temporarily left in place to provide gradual tissue expansion. After the desired dissection, sizing and optional expanding, an implant prosthesis may be inserted into the tissue pocket and filled to a volume determined in the sizing step.

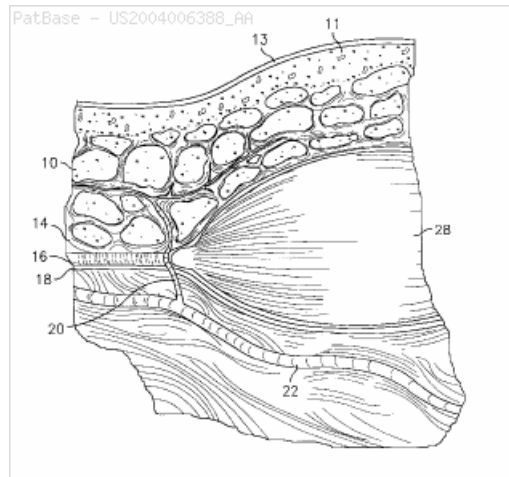
Classifications:**International (IPC 8-9):** A61B17/02 A61B19/00

A61F2/12 (Advanced/Invention);

A61B17/00 A61B17/32 (Advanced/Non-invention)

International (IPC 1-7): A61B17/00 A61B19/00 A61F2/04 A61F2/12**CPC:** A61B90/02 A61B90/06 A61B2090/063 A61F2/12 A61B17/0218

A61B2017/00557 A61B2017/320044 A61B2017/320048

European: A61B17/02E A61B19/24 A61B19/46 A61F2/12 K61B17/00N8 K61B17/32H K61B17/32H2 K61B19/46F**US:** 128/898 604/500 604/500S 606/190 606/190P 606/192 606/192S 623/23.67 623/23.670S 623/8 623/8P 623/8S 623/902 623/902S**Family:**

Publication number	Publication date	Application number	Application date
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Priority:

US19960622341 19960321 US19970865824 19970530 US20000525599 20000314
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Probable Assignee: COVIDIEN LP

Assignee(s): (std): REHNKE ROBERT D ; TYCO HEALTHCARE

Assignee(s): TYCO HEALTHCARE GROUP LP ; UNITED STATES SURGICAL ; COVIDIEN LP

Inventor(s): (std): REHNKE ROBERT D

Inventor(s): REHNKE ROBERT

Agent(s): UNITED STATES SURGICAL , A DIVISION OF TYCO HEALTHCARE GROUP LLP; UNITED STATES SURGICAL A DIVISION OF TYCO HEALTHCARE GROUP LLP; COVIDIEN

12) Family number: 11523223 (US5301692A)

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Title: METHOD FOR TOTAL, IMMEDIATE, POST-MASTECTOMY BREAST RECONSTRUCTION USING A LATISSIMUS DORSI MYOCUTANEOUS FLAP

Abstract: A technique for immediate, total breast reconstruction is described that equally preserves the skin of both the mastectomy and remaining breast. The technique is most applicable to a mastectomy which is performed through a circumareolar incision. Replacement tissue for the excised nipple-areolar complex is provided by a latissimus dorsi flap having a cutaneous peg. The pectoralis major and latissimus dorsi flap serve to create a submuscular prosthetic compartment. The submuscular compartment, together with the volume of the latissimus dorsi flap, closely approximates the volume of the contralateral breast, and the normal contour of the breast skin envelope. Accordingly, insertion of a permanent implant instead of an expander is possible. The nipple-areolar reconstruction can also be completed at the initial operative stage.

Classifications:

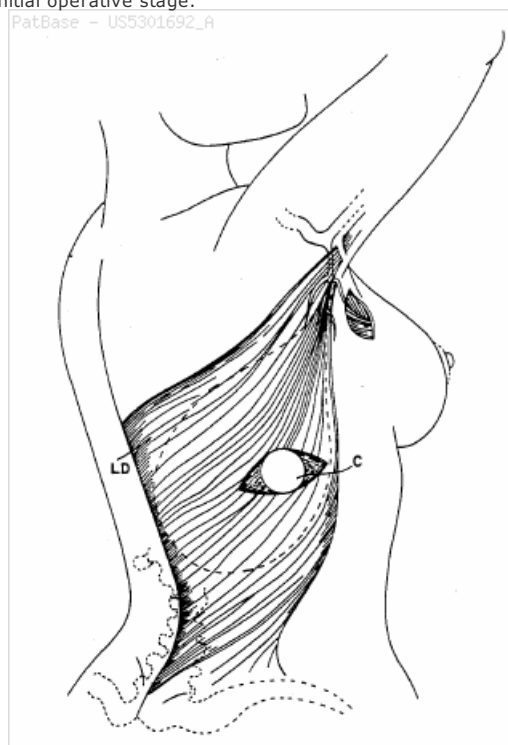
International (IPC 8-9): A61B19/00 A61F2/12 (Advanced/Invention);
A61B19/00 A61F2/12 (Core/Invention)

International (IPC 1-7): A61B19/00 A61F2/12 A61F2/54

CPC: A61F2/12 A61B90/02

European: A61B19/24 A61F2/12

US: 128/897 128/898 623/66 623/8



Family:

Publication number	Publication date	Application number	Application date
US5301692 A	19940412	US19920979493	19921116

Priority:

US19920979493 19921116

Probable Assignee: KNOWLTON EDWARD W

Assignee(s): (std): KNOWLTON EDWARD W

Inventor(s): (std): KNOWLTON EDWARD W

13) Family number: 58447914 (US2015037328A)

© PatBase

Title: ANTI-CXCR4 ANTIBODIES AND ANTIBODY-DRUG CONJUGATES

Abstract: The present invention provides antibodies and related molecules that bind to chemokine receptor 4 (CXCR4). The invention further provides antibody-drug conjugates comprising such antibodies, antibody encoding nucleic acids, and methods of obtaining such antibodies. The invention further relates to therapeutic methods for use of these antibodies and anti-CXCR4

antibody-drug conjugates for the treatment of a disorder associated with CXCR4 function or expression (e.g., cancer), such as colon, RCC, esophageal, gastric, head and neck, lung, ovarian, pancreatic cancer or hematological cancers.

Classifications:

International (IPC 8-9): A61K A61K31/09 A61K31/395 A61K31/4745 A61K31/537 A61K31/704 A61K31/7076 A61K31/7088 A61K38/00 A61K39/00 A61K39/395 A61K45/00 A61K47/00 A61K47/42 A61K47/48 A61K47/50 A61K47/64 A61K47/68 A61K49/00 A61K49/04 A61K51/00 A61P1/02 A61P1/04 A61P1/18 A61P11/00 A61P13/08 A61P13/10 A61P13/12 A61P15/00 A61P17/00 A61P25/00 A61P35/00 A61P35/02 A61P35/04 A61P43/00 A61P7/00 C07H21/04 C07K C07K16/00 C07K16/28 C07K16/30 C07K16/46 C12N1/15 C12N1/19 C12N1/21 C12N15/02 C12N15/09 C12N15/13 C12N15/63 C12N15/85 C12N5/10 C12P21/00 C12P21/02 C12P21/08 (Advanced/Invention); A61K39/00 C07K14/715 (Advanced/Non-invention); C07K (Subclass/Invention)

International (IPC 1-7): A61K39/395 A61K47/48 C07K16/28
CPC: A61K47/48569 A61K47/48 A61K47/6803 A61K47/6809 A61K47/6849 A61K47/6851 A61K49/0002 A61K2039/505 C07H21/04 C07K16/2866 C07K2317/24 C07K2317/33 C07K2317/56 C07K2317/565 C07K2317/73 C07K2317/732 C07K2317/734 C07K2317/76 C07K2317/92 A61K39/3955 A61K47/6847 C07K14/7158 C12N15/09 A61P1/02 A61P1/04 A61P1/18 A61P11/00 A61P13/08 A61P13/10 A61P13/12 A61P15/00 A61P17/00 A61P25/00
US: 1/1 424/130.1 424/133.1 424/181.1 435/320.1 435/344.1 435/69.6 530/387.3 530/389.1 530/391.9 536/23.53

JP F-Term: 4B024 4B064 4B064/AG27 4B064/BJ12 4B064/CA01 4B064/CA19 4B064/CA20 4B064/CC24 4B064/DA01 4B065 4B065/AA01 4B065/AA58 4B065/AA72 4B065/AA88 4B065/AA90 4B065/AB01 4B065/AB04 4B065/BA02 4B065/CA25 4B065/CA44 4C076 4C076/AA95 4C076/CC01 4C076/CC09 4C076/CC14 4C076/CC15 4C076/CC16 4C076/CC17 4C076/CC18 4C076/CC27 4C076/CC41 4C076/EE41 4C076/EE59 4C084 4C084/AA02 4C084/AA03 4C084/AA17 4C084/BA03 4C084/BA10 4C084/BA14 4C084/BA23 4C084/BA32 4C084/BA41 4C084/BA42 4C084/CA59 4C084/NA05 4C084/NA13 4C084/NA14 4C084/ZA02 4C084/ZA51 4C084/ZA59 4C084/ZA66 4C084/ZA67 4C084/ZA81 4C084/ZA89 4C084/ZB07 4C084/ZB21 4C084/ZB26 4C084/ZB27 4C084/ZC42 4C085 4C085/AA13 4C085/AA14 4C085/AA15 4C085/AA16 4C085/AA24 4C085/AA25 4C085/AA26 4C085/CC23 4C085/DD62 4C085/EE01 4C085/EE03 4C085/GG01 4C085/GG02 4C085/GG03 4C085/GG04 4C085/GG06 4C085/GG08 4C085/GG10 4C085/HH01 4C085/KA03 4C085/KA04 4C085/KA05 4C085/KA26 4C085/KA36 4C085/KB67 4C085/KB82 4C085/KB92 4C086 4C086/AA02 4C086/AA03 4C086/BC33 4C086/CB22 4C086/EA08 4C086/EA16 4C086/EA18 4C086/MA01 4C086/MA02 4C086/MA04 4C086/MA05 4C086/NA05 4C086/NA13 4C086/NA14 4C086/ZA02 4C086/ZA51 4C086/ZA59 4C086/ZA66 4C086/ZA67 4C086/ZA81 4C086/ZA89 4C086/ZB21 4C086/ZB26 4C086/ZB27 4C086/ZC42 4C201 4C206 4C206/AA01 4C206/AA02 4C206/CA33 4C206/KA01 4C206/MA01 4C206/MA02 4C206/MA04 4C206/MA05 4C206/NA05 4C206/NA13 4C206/NA14 4C206/ZA02 4C206/ZA51 4C206/ZA59 4C206/ZA66 4C206/ZA67 4C206/ZA81 4C206/ZA89 4C206/ZB21 4C206/ZB26 4C206/ZB27 4C206/ZC42 4H045 4H045/AA11 4H045/AA20 4H045/AA30 4H045/BA72 4H045/CA40 4H045/DA76 4H045/EA20 4H045/FA72 4H045/FA74

JP F-Index: A61K31/09 A61K31/395 A61K31/4745 A61K31/537 A61K31/704 A61K31/7076 A61K31/7088 A61K37/02 A61K38/00 A61K38/02 A61K38/03 A61K38/05 A61K39/395/C A61K39/395/D A61K39/395/E A61K39/395/L A61K39/395/N A61K39/395/T A61K45/00 A61K47/42 A61K47/48 A61K47/50 A61K47/68 A61K49/00/A A61K49/02/A A61K49/04/A A61K51/00/200 A61K51/02/200 A61K51/06/200 A61K51/08/200 A61K51/10/200 A61P1/02 A61P1/04 A61P1/18 A61P11/00 A61P13/08 A61P13/10 A61P13/12 A61P15/00 A61P17/00 A61P25/00 A61P35/00 A61P35/02 A61P35/04 A61P43/00/105 A61P43/00/111 A61P7/00 C07K16/28/ZNA C12N1/15 C12N1/19 C12N1/21 C12N15/00/A C12N15/00/C C12N15/06/100 C12N15/13 C12N15/62/Z C12N15/63/Z C12N5/10 C12P21/08
JP Facet: ZNA

Family:

Publication number	Publication date	Application number	Application date
AR097102 AA	20160217	AR2014P102816	20140728
AU2014298040 AA	20160204	AU20140298040	20140728
AU2014298040 AI	20160331	AU20140298040	20140728
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PE06712016 A1	20160709	PE20160000212	20140728
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PH2016500215 A	20160425	PH20160500215	20160129
RU2016103157 A	20170907	RU20160103157	20140728

PatBase - US2015037326_A1 FIG. 1

h3g10 VR EVQLVESGGGLVQPGGSLRLSCAASGFTFSYITNWVQAPGKLEWVQFIRKANNTT
h3g10.A57 VR EVQLVESGGGLVQPGGSLRLSCAASGFTFSYITNWVQAPGKLEWVQFIRKANNTT
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h3g10.1.7 VR EVQLVESGGGLVQPGGSLRLSCAASGFTFSYITNWVQAPGKLEWVQFIRKANNTT
h3g10.1.60 VR EVQLVESGGGLVQPGGSLRLSCAASGFTFSYITNWVQAPGKLEWVQFIRKANNTT
h3g10.2.5 VR EVQLVESGGGLVQPGGSLRLSCAASGFTFSYITNWVQAPGKLEWVQFIRKANNTT
h3g10.1.91 VR EVQLVESGGGLVQPGGSLRLSCAASGFTFSYITNWVQAPGKLEWVQFIRKANNTT
h3g10.2.37 VR EVQLVESGGGLVQPGGSLRLSCAASGFTFSYITNWVQAPGKLEWVQFIRKANNTT
h3g10.2.45 VR EVQLVESGGGLVQPGGSLRLSCAASGFTFSYITNWVQAPGKLEWVQFIRKANNTT
h3g10.3.25 VR EVQLVESGGGLVQPGGSLRLSCAASGFTFSYITNWVQAPGKLEWVQFIRKANNTT
h3g10.1.33 VR EVQLVESGGGLVQPGGSLRLSCAASGFTFSYITNWVQAPGKLEWVQFIRKANNTT
h3g10.2.54 VR EVQLVESGGGLVQPGGSLRLSCAASGFTFSYITNWVQAPGKLEWVQFIRKANNTT
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h3g10.A57 VR TSTSTVVGFTTISRDDSKNSLYLQMSLKTEDAVTCARLPGFAYWQQTIVTVSS
h3g10.2.42 VR TSTSTVVGFTTISRDDSKNSLYLQMSLKTEDAVTCARLPGFAYWQQTIVTVSS
h3g10.1.7 VR TSTSTVVGFTTISRDDSKNSLYLQMSLKTEDAVTCARLPGFAYWQQTIVTVSS
h3g10.1.60 VR TSTSTVVGFTTISRDDSKNSLYLQMSLKTEDAVTCARLPGFAYWQQTIVTVSS
h3g10.2.5 VR TSTSTVVGFTTISRDDSKNSLYLQMSLKTEDAVTCARLPGFAYWQQTIVTVSS
h3g10.1.91 VR TSTSTVVGFTTISRDDSKNSLYLQMSLKTEDAVTCARLPGFAYWQQTIVTVSS
h3g10.2.37 VR TSTSTVVGFTTISRDDSKNSLYLQMSLKTEDAVTCARLPGFAYWQQTIVTVSS
h3g10.2.45 VR TSTSTVVGFTTISRDDSKNSLYLQMSLKTEDAVTCARLPGFAYWQQTIVTVSS
h3g10.3.25 VR TSTSTVVGFTTISRDDSKNSLYLQMSLKTEDAVTCARLPGFAYWQQTIVTVSS
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h3g10.2.54 VR TSTSTVVGFTTISRDDSKNSLYLQMSLKTEDAVTCARLPGFAYWQQTIVTVSS
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h3g10.B44 VR TSTSTVVGFTTISRDDSKNSLYLQMSLKTEDAVTCARLPGFAYWQQTIVTVSS

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TWI671317 B	20190911	TW20140101264	20140728
TWI671317 B	20190911	TW20170101264	20140728
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US2018002428 AA	20180104	US20170610417	20170531
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US9708405 BB	20170718	US20140449478	20140801
US10144781 BB	20181204	US20170610417	20170531
US10421815 BB	20190924	US20180166830	20181022
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WO15015401 A9	20160310	WO2014IB63483	20140728

Priority:

US20130861706P 20130802	AU20140298040 20140728	BR20161102008 20140728
JP20160530645T 20140728	WO2014IB63483 20140728	US20140449478 20140801
IN201617001314 20160113	US20170610417 20170531	AU20170268595 20171129
US20180166830 20181022	JP20190064359 20190328	

Probable Assignee: PFIZER

Assignee(s): (std): FLAVIA MERCER PERNASETTI ; PFIZER ; PFIZER INC ; WEI HSIEN HO ; SHU HUI LIU

Assignee(s): HO WEI HSIEN ; LIU SHU HUI ; PERNASETTI FLAVIA MERCER

Inventor(s): (std): HO WEIHSIEN ; MERCER PERNASETTI FLAVIA ; FLAVIA MERCER HUI PERNASETTI ; SHU HSIEN LIU ; WEI HO ; FLAVIA MERCER PERNASETTI ; SHU HUI LIU ; WEI HSIEN HO ; HO WEI HSIEN ; LIU SHU HUI ; PERNASETTI FLAVIA MERCER

Inventor(s): HO WEI HSIEN W ; LIU SHU HUI S

Agent(s): ALLENS PATENT AND TRADE MARK ATTORNEYS; SMART AND BIGGAR; CARLOS REINALDO OLARTE GARCIA; CARLOS R OLARTE GARCIA; PFIZER; NTD PATENT AND TRADE MARK AGENCY LTD; INDAH HANDAYANI SFARM APT; VAKHNINA I PARTNER Y OOO; PFIZER INC; WANG SUSAN L; OLSON A DEAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

14) Family number: 43193097 (US2002173627A)

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Title: TIE-2 ligands, methods of making and uses thereof

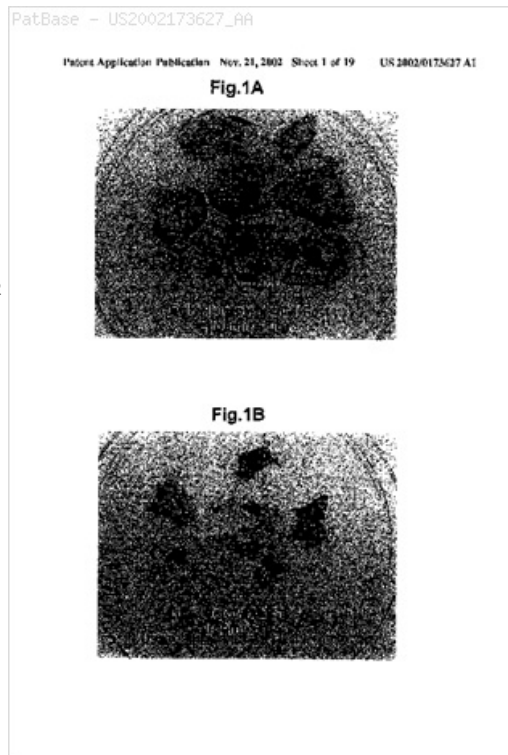
Abstract: The present invention provides for an isolated nucleic acid molecule encoding a human TIE-2 ligand. In addition, the invention provides for a receptor body which specifically binds a human TIE-2 ligand. The invention also provides an antibody which specifically binds a human TIE-2 ligand. The invention further provides for an antagonist of human TIE-2. The invention also provides for therapeutic compositions as well as a method of blocking blood vessel growth, a method of promoting neovascularization, a method of promoting the growth or differentiation of a cell expressing the TIE-2 receptor, a method of blocking the growth or differentiation of a cell expressing the TIE-2 receptor and a method of attenuating or preventing tumor growth in a human.

Classifications:

International (IPC 8-9): A61K A61K31/00 A61K38/00 A61K38/17 A61K38/18 A61K38/19 A61K39/395 A61K45/00 A61K47/48 A61K48/00 A61K51/00 A61K51/08 A61P A61P29/00 A61P3/00 A61P31/04 A61P35/00 A61P43/00 A61P7/00 A61P9/00 A61P9/10 C07H21/04 C07K C07K14/47 C07K14/475 C07K14/515 C07K14/52 C07K14/705 C07K14/71 C07K16/18 C07K16/22 C07K16/24 C07K16/28 C07K16/42 C07K19/00 C12N C12N1/19 C12N1/20 C12N1/21 C12N15/00 C12N15/02 C12N15/06 C12N15/09 C12N15/12 C12N15/18 C12N15/19 C12N15/62 C12N15/63 C12N15/85 C12N5/02 C12N5/06 C12N5/07 C12N5/08 C12N5/10 C12P21/00 C12P21/02 C12P21/08 C12Q1/68 G01N33/15 G01N33/50 G01N33/53 G01N33/566 G01N33/577 (Advanced/Invention); A61K38/00 A61K38/17 A61K38/19 A61K39/395 A61K45/00 A61K47/48 C07K14/47 C12N15/06 C12N15/12 C12N5/06 C12R1/91 G01N33/50 G01N33/53 (Advanced/Non-invention); A61K31/00 A61K38/00 A61K38/17 A61K39/395 A61K47/48 A61K48/00 A61K51/00 A61P29/00 A61P31/00 A61P35/00 A61P43/00 A61P9/00 C07H21/00 C07K14/435 C07K16/18 C07K19/00 C12N15/00 C12N15/02 C12N15/09 C12N15/12 C12N15/19 C12N15/62 C12N15/63 C12N15/85 C12N5/02 C12N5/06 C12N5/07 C12N5/10 C12P21/00 C12P21/02 C12P21/08 C12Q1/68 G01N33/50 G01N33/53 (Core/Invention); A61K38/00 (Core/Non-invention); A61K A61N C07K C12N G01N (Subclass/Invention)

International (IPC 1-7): A61K A61K31/00 A61K38/00 A61K38/16 A61K38/17 A61K38/18 A61K38/19 A61K39/395 A61K45/00 A61K47/48 A61K48/00 A61K51/00 A61K51/08 A61P17/02 A61P35/00 A61P43/00 A61P9/00 A61P9/10 C07H21/04 C07K C07K1/452 C07K14/00 C07K14/435 C07K14/47 C07K14/475 C07K14/52 C07K14/705 C07K14/71 C07K14/715 C07K16/18 C07K16/22 C07K16/24 C07K16/28 C07K16/42 C07K19/00 C12N C12N1/20 C12N1/519 C12N1/563 C12N15/00 C12N15/02 C12N15/06 C12N15/09 C12N15/11 C12N15/12 C12N15/18 C12N15/19 C12N15/62 C12N15/63 C12N15/85 C12N5/06

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European: A01K67/027M C07K14/515 K01K217/05 K01K227/10M
K01K267/03A K61K38/00 M07K203/02 M07K207/00 M07K215/00
M07K319/00
US: 424/139.1 424/141.1 424/143.1 424/143.100S 424/145.1 424/155.1
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435/320.1 435/320.100S 435/325 435/325S 435/348 435/357 435/365
435/365.1 435/471 435/6 435/6.14 435/6.140P 435/69.1 435/69.100S
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JP Facet: ABN ABY AGZ ADD ADU ZNA



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IL20030154113	20030123	US20030603293	20030625	US20050073091	20050304

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Designated states: AL AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE
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PatBase

Title: NOVEL POLYMERS

Abstract: The present invention relates to polymers comprising monomer units derived from captopril, and their use in the treatment or prevention of collagen deposition, fibrosis, scars, burns, or unwanted tissue formation. The present invention further relates to processes for the preparation of said polymers and to pharmaceutical compositions and medical products comprising the polymers. Also encompassed by the present invention are polymers comprising monomer units derived from other ACE inhibitors such as zofenopril, alacepril, rentiapril or pivalopril, or from vasopeptidase inhibitors such as fasidotrilat, omapatrilat or ilepatril.

Classifications:
International (IPC 8-9): A61K31/401 A61K31/787 A61K31/795 A61K38/55 A61K47/48 A61P17/02 A61P43/00 C08G63/688 C08G63/78 C08G69/08 C08G75/26 (Advanced/Invention)
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