

PatBase - Search results 26 November 2018

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Results: 100**Search history**

Search PN=(WO2016133483) (Results 1)

1:

Search [SP]: background[0001] the invention relates to medical devices.[0002] detailed, the invention relates to medical first aid kits in body injuries, accompanied by bleeding, including heavy bleeding.[0003] more detailed, the invention relates to medical first aid kits in body injuries received particularly heavy injuries as well as injuries, including wounds received during the war military operations.[0004] the composition and device are designed to provide first aid for said injuries, but not limited to, accompanied by bleeding, to stop such bleeding. composition and device are designed to instantly stop bleeding and to create conditions for the safe and most rapid transportation of wounded/injured, that is ensured by specific hemostatic properties of composition and device.[0005] the invention relates to a composition of hemostatic agents and hemostatic device, consisting of said composition and container, and provide the most efficient use of them at the stage of self-aid, mutual aid and first and unskilled premedical and qualified medical aid to stop the bleeding, heavy bleeding, including shrapnel and gunshot wounds, received mainly on the battlefield, which could to equip military individual first aid kit of various types and as well as in surgery and traumatology.[0006] such hemostatic compositions and hemostatic devices intended for:[0007] quick stop massive bleeding, including caused by shrapnel and gunshot wounds, mainly received on the battlefield on the stage of self-aid, mutual aid and first unskilled premedical and professional medical aid, which can equip military individual first aid kit of various levels[0008] for surgery, traumatology and disaster medicine.[0009] the composition of hemostatic agents due to its qualitative and quantitative composition should provide the following:[0010] due to presence of several hemostatic agents acting separately to its specific coagulation factor and, in combination with other agent, mutually enhance the action of other agent providing synergistic effect of composition,[0011] the composition of hemostatic agents with its properties should be suitable to be combined with a carrier (to be incorporated into the carrier) without losing its hemostatic properties and due to their physicochemical and physical properties provided (not prevented) process of manufacturing hemostatic devices.[0012] in their turn hemostatic agents through a combination of composition, which has a certain chemical, physicochemical and physical properties, and the container as a gauze substrate and/or vessel and/or water permeable film, that has certain physical, mechanical and chemical, physicochemical and physical properties into one and using appropriate compounds, substances and materials the composition and carrier made, suitable design of hemostatic device, including the use of additional elements of design, including in particular, introducers, applicators, containers, adhesive materials, radiographic materials, packaging, etc. should provide:[0013] contact of hemostatic agents of the composition incorporated into the container with blood to accelerate its clotting after contact of hemostatic devices with blood[0014] tightness of packaging and sterility of hemostatic devices during storage, transport and in some cases its use[0015] keep properties of hemostatic device in harsh climate conditions (from -40 degrees to ++50 degrees centigrade, under humidity over 95 percent) during storage, transportation and use,[0016] radiographic properties of the device for the identification of a device or its fragments in the wound[0017] increasing the efficiency of hemostatic composition of hemostatic agents, part of the hemostatic device, as compared with the composition itself[0018] convenience and reliability of plugging, convenience of removing device from the wound and reduce the time required for plugging the wound[0019] synergic acceleration of blood clotting time due the fact that the components of hemostatic device (hemostatic agents of the hemostatic composition and container) not only each by itself it accelerates clotting, but also enhances the action of each other due to the impact at the same time on various blood clotting factors.[0020] hemostatic agents and devices designed for use in combat conditions to stop the massive bleeding should be convenient to use, be compact for transportation and storage before use, to provide the most rapid and reliable plugging of the wound.glossary[0021] these terms when used herein have the following meanings.[0022] the term "hemostatic agent" as used herein, means a material, matter, chemical compound, a mineral of natural origin and/or the product of their chemical and/or biological and/or chemical modification, and/or of synthetic origin, which contacting with blood initiates and/or accelerates its clotting by any mechanism.[0023] the term "hemostatic composition" as used herein, means a matter simultaneously consisting of the four said hemostatic, which are characterized as water-retaining, binder dust suppression, inorganic and organic hemostatic, and which are in defined ratio and their total content in the said hemostatic composition is less than 100 percent or 100 percent, and where the said hemostatic composition is a liquid or a solid, and is characterized by that it is in form of solution or suspension or foam or gel or paste or powder, which contacting with blood initiates and/or accelerates its clotting by any mechanism.[0024] the term "hemostatic device" as used herein, means in the sense of the present invention is a material that is made and consists of container (substrate) and the composition of hemostatic agents in any rational way combined, enabling its use to control bleeding.[0025] the term "two-dimensional container", "two-dimensional substrate", "two-dimensional device" as used herein, means any container (substrate) and device, which are being two-dimensional geometrical structure (shape) preferably, but not exclusively, flat, whose dimensions in length and width far exceed height, for example, having length or width to height ratio at least 10 times, including those which for compact packaging (such as napkins, bandages) are folded or rolled in a three-dimensional shapes, such as corrugations, rolls or for accessibility (e.g., cord, helix) or as examples of two-dimensional, flat structures can be gauzes, bandages, napkins and more.[0026] the term "additional agents" as used herein, means any agents that provide additional functional properties of the said hemostatic composition or the said hemostatic device. examples of such agents may include providing radiographic properties of the composition and/or device, for example, barium salts, pharmaceutically-active agents which are antibiotics, antifungal agents, antimicrobial agents, anti-inflammatory agents, analgesics, analgesics and anesthetics of local action, antihistamines, compounds and/or matters containing ions of copper, zinc, silver, gold and combinations thereof and additional agents which are own hemostatics, e.g. thrombin, tranexamic acid, e-aminocaproic acid, bioactive glass, biological hemostatics and combinations thereof, and also polyvinyl alcohol, glycerol, silicone, carboxymethyl cellulose, gelatinized starch, polyacrylic acid and its salts of iron, calcium, barium.[0027] the term "three-dimensional container" and "three-dimensional substrate" as used herein, means any container and substrate, which are mainly have three-dimensional geometric shape, but not exclusively, cylinder, sphere, ellipsoid, box and so on. in the form of discs, balls, pockets, sacs, pads, which are made at least of one piece of two-dimensional substrate by fixing at least two opposite edges of the two-dimensional substrate in any rational way and sprays, syringes, tubes, containers and other vessels including sealed for storage of liquid, semi-liquid, gel-like and paste-like and foam-like and other suitable forms of the hemostatic composition.[0028] the term "three-dimensional hemostatic device" as used herein, means any device having three-dimensional geometric shape preferably, but not exclusively, cylinder, sphere, ellipsoid, a box in the form of discs, balls, pockets, sacs, pads, tubes made at least of a fragment of a two-dimensional agent or device, by fixing at least two opposite edges of the two-dimensional devices any rational way and sprays, syringes, tubes, containers and other vessels, including sealed, mainly filled with solid, liquid, semi-liquid, gel-like and paste-like and foam-like spumy and other suitable forms of hemostatic composition, which can also include additional agents having three-dimensional geometric shape preferably, but not exclusively, cylinder, sphere, ellipsoid, a box.[0029] the term "composition of hemostatic" or "hemostatic composition" as used herein, means solution, suspension, paste, gel, foam, dry (or semi dry) matter, which is obtained by any rational way of hemostatic agents.[0030] the terms "container" and "substrate" as used herein, are used interchangeably and mean a facility that can be soaked, filled, loaded or otherwise combined with hemostatic composition so that it makes possible to use hemostatic agents compositions combined with the container (substrate) as hemostatic device.[0031] the term "container" as used herein, is a two-dimensional, mainly flat structure, whose dimensions in length and width far exceed in height, for example, having length or width to height ratio as at least 10 times, or three-dimensional structure, preferably so voluminous structure of different types. examples of two-dimensional, flat structures can be gauzes, bandages, napkins etc. e (Results 5)

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or 58903495:110 or 58870732:110 or 57735925:110 or 57413337:110) (Results 100)

Title: HEMOSTATIC COMPOSITION AND HEMOSTATIC DEVICE (VARIANTS)

Abstract: The hemostatic composition, comprising water-retaining, binder dust suppression, inorganic and organic hemostatic agents, and hemostatic device comprising the composition of hemostatic agents and a container that keeps hemostatic composition.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61F13/15 A61F13/20

A61K31/715 A61K33/06 A61K47/10 A61K47/38 A61L A61L15/18

A61L15/22 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/40

A61L15/42 A61L15/44 A61L15/54 A61L26/00 A61P7/04 E04B7/18

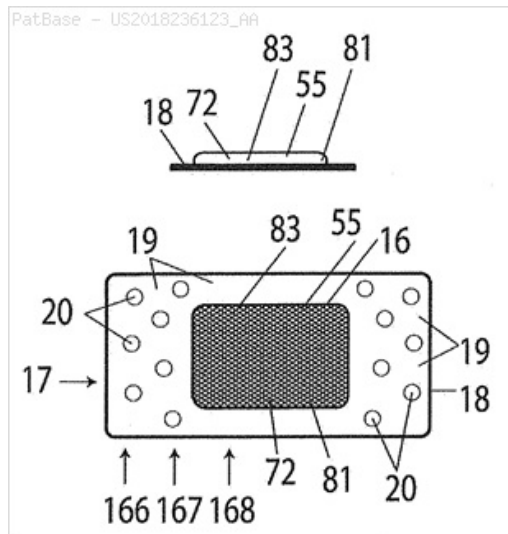
H01L31/042 (Advanced/Invention);

A61P7/04 (Advanced/Non-invention);

A61K31/00 A61K9/00 (Core/Invention);

A61L (Subclass/Invention)

CPC: A61L15/44 A61L15/54 A61L26/0066 A61L2300/418 A61L2400/04



Family:

Publication number	Publication date	Application number	Application date
AU2016220560 AA	20160825	AU20160220560	20160215
AU2016220560 AH	20170928	AU20160220560	20160215
BR112017017457 A2	20180410	BR20171117457	20160215
CA2975464 AA	20170731	CA20162975464	20160215
CL2017002086 A1	20180316	CL20170002086	20170815
CN107454851 A	20171208	CN201680021869	20160215
CO20170008219 A2	20180105	CO20170008219	20170815
CR20170379 A	20180125	CR20170000379	20160215
CU20170107 A7	20180705	CU20170000107	20160215
DOP2017000192 A	20171115	DO20170000192	20170814
EA201791857 A1	20180228	EA20170091857	20160215
EP3258974 A1	20171227	EP20160718739	20160215
ID201804217 A	20180420	ID2017P0005204	20160215
IL254012 A0	20171031	IL20160254012	20160215
IN201717027741 A	20171006	IN201717027741	20170804
JP2018506410 T2	20180308	JP20170561231T	20160215
KR20170118198 A	20171024	KR20177026318	20160215
MX2017010458 A1	20180424	MX20170010458	20160215
PE02302018 A1	20180131	PE20170001411	20160215
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SG11201706720W A1	20170928	SG20171106720	20160215
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Priority:

UA20150001285 20150216

UA20150001288U 20150216

WO2016UA00019 20160215

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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

Title: HAEMOSTATIC MATERIAL

Abstract: The present invention relates to a haemostatic material comprising a carrier layer and a material for wound contact comprising at least one haemostat in particulate, granular, powder, flake or short fibrous form. Such a haemostatic material is useful, for example, in reducing or stopping bleeding of a physiological target site in a person or animal, and can also be used to stem bleeding during medical procedures.

Classifications:

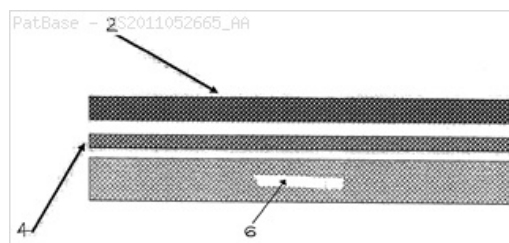
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International (IPC 1-7): A61L15/28 A61L15/42

CPC: A61F13/00 A61F13/15 A61F2013/00106 A61F2013/00285 A61F2013/00314 A61F2013/00472 A61L15/44 A61L15/64 A61L26/0023 A61K31/722 A61K31/715 A61L26/0061 A61L2300/418 A61L2300/608 A61L2400/04 A61L15/28 A61L15/48 A61L15/58 A61L15/62 C08L5/08 Y10T156/10 A61L15/54 A61L26/0066 A61L26/009 A61L2300/232 A61L15/42

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US: 156/60 156/60S 424/444 424/444S 424/445 424/445P 424/447 424/447S 514/54 514/55 514/55S



Family:

Publication number	Publication date	Application number	Application date
AU2009239783 AA	20091029	AU20090239783	20090427
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Priority:

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Assignee(s): MEDTRADE PRODUCTS LIMITED ; MEDTRADE PRODUCTS A UNITED KINGDOM CORP LTD ; MED TRADE PRODUCTS LIMITED

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Inventor(s): CRAIH HARDY

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; MOFFAT AND CO; WILSON GUNN; AZNAREZ PABLO; ISIK OEZDOGAN; BARLOW JOSEPHS AND HOLMES LTD; MCDONALD CHRISTOPHER

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

Title: PROCESSES FOR THE PRODUCTION OF SOLID DRESSINGS FOR TREATING WOUNDED TISSUE

Abstract: Disclosed are processes for preparing solid dressings for treated wounded tissue in mammalian patients, such as a human, comprising a haemostatic layer consisting essentially of a fibrinogen component and a fibrinogen activator. Also disclosed are methods for treating wounded tissue using these dressings and frozen and liquid compositions useful for preparing the haemostatic layer(s) of these dressings or for treating wounded tissue in a mammal.

Classifications:

International (ipc 8-9): A61B17/12 A61B17/132 A61F A61F13/00 A61F13/02 A61F13/15 A61K35/58 A61K38/00 A61K38/18 A61K38/19 A61K38/22 A61K38/36 A61K38/48 A61K39/00 A61K39/395 A61K9/00 A61K9/08 A61K9/127 A61K9/19 A61K9/70 A61L15/00 A61L15/07 A61L15/16 A61L15/18 A61L15/22 A61L15/26 A61L15/28 A61L15/32 A61L15/38 A61L15/44 A61L15/58 A61L15/64 A61L26/00 A61M27/00 A61P17/02 A61P7/04 C08L89/00 (Advanced/Invention); A61L15/44 A61M27/00 (Advanced/Non-invention); A61B17/12 A61F13/00 A61F13/02 A61F13/15 A61K38/36 A61L15/00 A61L15/16 (Core/Invention); A61M27/00 (Core/Non-invention); A61F (Subclass/Invention)

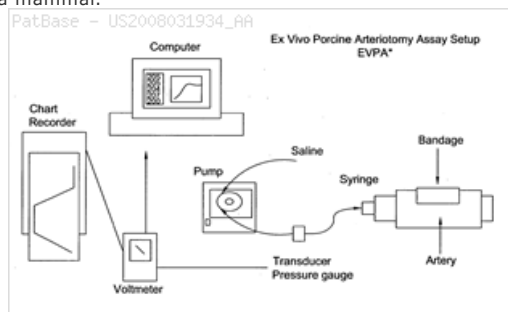
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US: 424/130.1 424/130.100S 424/141.1 424/184.1 424/184.100S 424/400 424/400S 424/443 424/444 424/445 424/445S 424/446 424/446P 424/447 424/449 424/449P 424/450 424/450S 424/542 424/542S 424/85.1 424/85.100S 424/94.64 424/94.640S 514/12 514/12.2 514/12.200S 514/13.3 514/13.300S 514/13.6 514/13.600S 514/13.7 514/13.700S 514/15.3 514/15.300S 514/16.4 514/16.400S 514/17.2 514/17.200S 514/18.3 514/18.300S 514/19.3 514/19.300S 514/2.4 514/2.400S 514/3.3 514/3.300S 514/4.6 514/4.600S 514/7.6 514/7.600S 514/9.3 514/9.300S 514/9.4 514/9.400S 514/9.7 514/9.700S 602/43 602/43P 602/43S 602/48 602/48S 602/50 602/50P 604/368 604/368S

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IL196878 A0	20091118	IL20070196878	20070806
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JP2014148541 A2	20140821	JP20140101498	20140515

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NZ574653 A	20121130	NZ20070574653	20070806
RU2009107724 A	20100910	RU20090107724	20070806
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ZA200900823 A	20101124	ZA20090000823	20090204

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US20060835423P	20060804	AU20070281996	20070806	JP20090523807	20070806
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Inventor(s): BEALL DAWSONUS ; MACPHEE MARTINUS ; MACPHEE MARTIN DARNESTOWN ; BEALL DAWSON GAITHERSBURG

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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 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

Title: HEMOSTATIC AGENT DELIVERY SYSTEM

Abstract: A hemostatic agent delivery system includes a hemostatic agent which is inert and non-reactive yet is capable of forming a stable clot when applied to an actively bleeding wound. The system also includes a delivery assembly to structure to facilitate delivery of the hemostatic agent proximate the hemorrhage site. More specifically, the delivery assembly is structured to releasably contain the hemostatic agent via a release member which is disposed in cooperative relation with a support member which contains the amount of the hemostatic agent. The release member is structured of a soluble material such that it will at least partially dissolve and release the hemostatic agent upon disposition proximate the hemorrhage site. The delivery assembly further comprises a handle member structured to facilitate delivery of the hemostatic agent to the hemorrhage site.

Classifications:

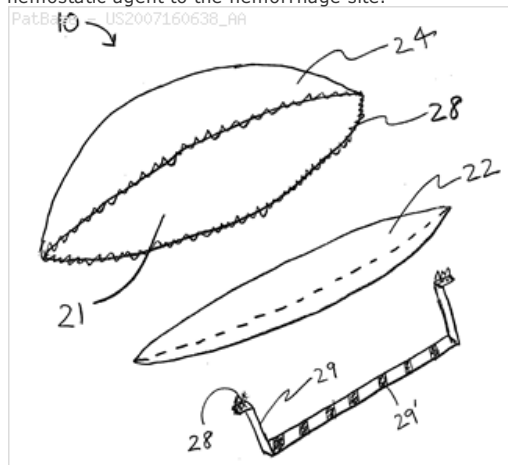
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International (IPC 1-7): A61F13/20 A61K9/14

CPC: A61F13/00042 A61F2013/00927 A61L2300/10 A61L2300/622 A61L26/0004 A61M35/003 A61F13/0223 A61F2013/00106 A61F2013/00468 A61F2013/0091 A61F2013/00936 A61L26/0066 A61F13/00034 A61F13/00059 A61F13/00063 A61F2013/00153 A61F2013/00472 A61F2013/00536 A61F2013/0054 A61F2013/00642 A61F2013/00982 A61L15/18 A61L15/24 A61L15/28 A61L15/44 A61L2300/418 A61L2300/602 A61L2400/04 C08L31/04 C08L1/28

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**Family:**

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AU2007205183 AA	20070719	AU20070205183	20070104
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Probable Assignee: MENTKOW JACK MENTKOW LISA

Assignee(s): (std): JACK MENTKOW ; MENTKOW LISA ; MENTKOW JACK ; MENTKOW JACK MENTKOW LISA ; LISA MENTKOW
Assignee(s): JACK MENTKOW LISA MENTKOW ; JECK MENTKOW
Inventor(s): (std): LISA MENTKOW ; MENTKOW LISA ; MENTKOW JACK ; JACK MENTKOW
Inventor(s): JACK MENTKOW LISA MENTKOW ; JECK MENTKOW
Agent(s): LA FONTAINE INTELLECTUAL PROPERTY SERVICES; LA FONTAINE IP SERVICES; SHVARTSMAN MILA;
KOPPEL MART ENN; MALLOY AND MALLOY PA; LERNER GREENBERG STEMER LLP; LAURENCE A; WERNER H;
RALPH E; GREENBERG LAURENCE A
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
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MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG
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Title: FORMED SHEET PRODUCT AND HEMOSTATIC MATERIAL

Abstract: A formed sheet product of a polymer composition comprising at least one protein selected from the group consisting of fibrinogen and thrombin and at least one polymer selected from the group consisting of an aliphatic polyester and a water-soluble polymer, and a laminated formed sheet product comprising a first polymer composition layer composed of fibrinogen and a water-soluble polymer and a second polymer composition layer composed of thrombin and an aliphatic polyester are provided. These formed products are applied onto a wound site and function as a hemostatic material.

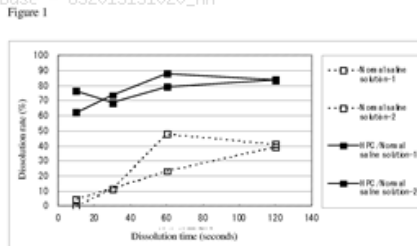
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US: 424/445 424/94.64

PatBase - US2015151020_AA



Family:

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AR091031 AA	20141230	AR2013P101646	20130513
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JP5844894 B1	20160120	JP20140515699T	20130513
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RU2014150544 A	20160710	RU20140150544	20130513
RU2669569 C2	20181012	RU20140150544	20130513
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ZA201408258 A	20151028	ZA20140008258	20141111

Priority:

JP20120110394	20120214	JP20120110391	20120514	JP20120110392	20120514
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Probable Assignee: CHEMO SERO THERAPEUTIC RESEARCH INST

Assignee(s): (std): CHEMO SERO THERAPEUT RES INST ; CHEMO SERO THERAPEUTIC RES INST ; TEIJIN LTD ; TEIJIN PHARMA LTD ; TEJDZIN LTD

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SUSUMO HONDA ; YAMAGUCHI AYUKO

Inventor(s): YAMAGUCHI AYUKOJP ; SATAKE MAKOTOJP ; KANEKO HIROAKIJP ; OONO AKITOSHIJP ; KAWAMURA RYOICHIJP ; KAGEYAMA YUKAKOJP ; IMAMURA TAKAYUKIJP ; HONDA SUSUMUJP ; HIRASHIMA MASAKIJP ; FUJINAGA KENTAROJP ; AKIYAMA YUSUKEJP

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; BORDEN LADNER GERVAIS LLP; CARPMAELS AND RANSFORD LLP; CHINA PATENT AGENT HK LTD; DARU LUKIANTONO SH; OHSHIMA MASATAKA; SOYUZPATENT OOO

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 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 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

Title: DEVICES AND METHODS FOR PROMOTING THE FORMATION OF BLOOD CLOTS IN ESOPHAGEAL VARICES

Abstract: A device for promoting the clotting of blood in body cavities includes a flexible body portion; an expandable member located on the flexible body portion; and a blood clotting material attached to the expandable member. When used, insertion of at least a portion of the blood clotting material into the body cavity causes at least a portion of the blood clotting material to contact blood emanating from a bleed site. Methods of providing therapies to tube-shaped organs include the steps of providing suitable devices having expansion capabilities, positioning the devices at the appropriate bleed sites, and expanding the devices to cause blood clotting materials to contact the bleed sites. Materials that may be used as the blood clotting material include zeolites, molecular sieve materials, diatomaceous earth, clay, silica-based materials, oxidized cellulose, carboxymethyl cellulose, bioactive glass, biological hemostats, chitosan, and combinations of the foregoing.

Classifications:

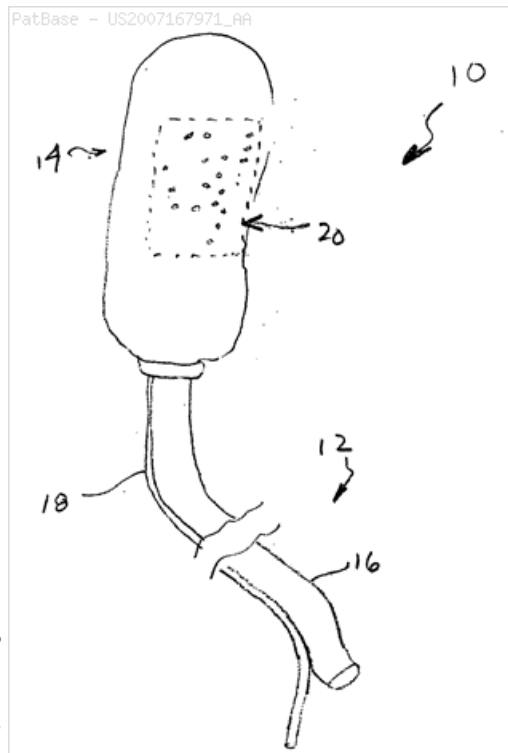
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International (IPC 1-7): A61F13/00 A61L15/18

CPC: A61L15/28 A61L2300/412 A61L2300/428 A61L2300/43 A61F2013/00472 A61F2013/00548 A61F2013/00744 A61L2300/802 A61F13/00034 A61F13/00038 A61F13/00991 A61F13/36 A61F2013/00119 A61F2013/0091 A61F2013/00931 A61F2013/00936 A61L15/20 A61L2300/104 A61L2300/45 A61M25/0074 A61M25/0082 A61M25/10 A61M25/1011 A61M25/1027 A61M2025/0057 A61M2025/105 A61M2025/1088 A61F13/534 A61L15/44 A61L2300/102 A61L2300/402 A61L2300/404 A61L2300/41 A61L2300/418 A61L15/425 A61L15/18 A61L2400/04 A61F13/00063 A61L2300/406 A61L2400/16 A61F13/00012 A61L15/42

European: A61F13/00A6 A61F13/00A6B A61F13/00B6 A61F13/00M2 A61F13/36 A61L15/18 A61L15/20 A61L15/28 A61L15/42E A61L15/44 A61M25/10 A61M25/10G K61F13/00J4 K61F13/00L12B K61F13/00L12E1 K61F13/00L12F K61F13/00L1H2 K61F13/00L2C K61F13/00L5A6 K61L300/102 K61L300/104 K61L300/402 K61L300/404 K61L300/410 K61L300/412 K61L300/418 K61L300/428 K61L300/430 K61L300/450 K61L300/802 K61L400/04 K61M25/00S5 K61M25/00T20 K61M25/00T40 K61M25/10D K61M25/10Z20 K61M25/10Z3

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**Family:**

Publication number	Publication date	Application number	Application date
AT487451 E	20101115	AT20070836179T	20070720
BRPI0808543 A2	20140826	BR2008PI08543	20080306
CA2665108 AA	20090401	CA20072665108	20070720
CA2665108 C	20121023	CA20072665108	20070720
CA2677606 AA	20090806	CA20082677606	20080306
CA2677606 C	20121002	CA20082677606	20080306
CN101541274 A	20090923	CN200780039308	20070720
CN101541274 B	20141231	CN200780039308	20070720
CN101687056 A	20100331	CN200880005277	20080306
CN101687056 B	20160810	CN200880005277	20080306
CN106110366 A	20161116	CN201610509518	20080306
DE602007010501 D1	20101223	DE200760010501T	20070720
DE602008018379 D1	20121025	DE200860018379T	20080306
DK2077811 T3	20110221	DK20070836179T	20070720
DK2142220 T3	20121217	DK20080726591T	20080306
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EP2077811 B1	20101110	EP20070836179	20070720
EP2142220 A2	20100113	EP20080726591	20080306
EP2142220 B1	20120829	EP20080726591	20080306
EP2292196 A1	20110309	EP20100190569	20070720
EP2446867 A1	20120502	EP20110179582	20070720
EP2508209 A1	20121010	EP20120163455	20080306
ES2354130 T3	20110310	ES20070836179T	20070720
ES2394232 T3	20130123	ES20080726591T	20080306
HK1135892 A1	20110415	HK20100100288	20100112
HK1135892 A1	20100618	HK20100100288	20100112
HK1135892 B	20110415	HK20100100288	20100112
HK1136227 A1	20121228	HK20100102794	20100316
HK1136227 A1	20100625	HK20100102794	20100316
HK1136227 B	20121228	HK20100102794	20100316

HK1170147 A1	20130222	HK20120111009	20121101
HK1230110 A1	20171201	HK20170104005	20170419
IN03381DN2009 A	20100409	IN2009DN03381	20090525
IN05656DN2009 A	20100507	IN2009DN05656	20090901
IN201718000519 A	20170421	IN201718000519	20170105
IN201718000520 A	20170421	IN201718000520	20170105
IN201718007704 A	20170728	IN201718007704	20170304
IN201718007705 A	20170728	IN201718007705	20170304
IN280235 B	20170217	IN2009DN05656	20090901
IN291862 B	20180126	IN2009DN03381	20090525
JP2010508064 T2	20100318	JP20090534569T	20070720
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JP2012096082 A2	20120524	JP20120021660	20120203
JP2013212412 A2	20131017	JP20130144323	20130710
JP5327643 B2	20131030	JP20090552753T	20080306
JP5604460 B2	20141008	JP20120021660	20120203
JP5619967 B2	20141105	JP20130144323	20130710
MX2009004642 A1	20090819	MX20090004642	20070720
MX2009009453 A1	20090914	MX20090009453	20080306
PT2077811 T	20110209	PT20070836179T	20070720
PT2142220 T	20121130	PT20080726591T	20080306
RU2009136576 A	20110420	RU20090136576	20080306
RU2453339 C2	20120620	RU20090136576	20080306
US2007167971 AA	20070719	US20070654409	20070117
US2007275073 AA	20071129	US20060590427	20061030
US2007276308 AA	20071129	US20060633687	20061204
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US2008027365 AA	20080131	US20070754592	20070529
US2009186071 AA	20090723	US20090417802	20090403
US2010228174 AA	20100909	US20090611830	20091103
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US8383148 BB	20130226	US20120526431	20120618
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US9333117 BB	20160510	US20140185873	20140220
US9867898 BB	20180116	US20160090072	20160404
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WO07143024 A2	20071213	WO2007US12830	20070531
WO07143024 A3	20080320	WO2007US12830	20070531
WO08054566 A1	20080508	WO2007US16509	20070720
WO08109160 A2	20080912	WO2008US03082	20080306
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US20060759775P	20060117	US20060808618P	20060526	US20060810447P	20060601
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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 SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: HEMOSTATIC SPONGE

Abstract: The present invention provides a hemostatic porous composite sponge comprising i) a matrix of a biomaterial and ii) one hydrophilic polymeric component comprising reactive groups wherein i) and ii) are associated with each other so that the reactivity of the polymeric component is retained, wherein associated means that said polymeric component is coated onto a surface of said matrix of a biomaterial, or said matrix is impregnated with said polymeric material, or both.

Classifications:

International (IPC 8-9): A47J A61F13/00 A61F13/36 A61K9/00 A61L A61L15/16 A61L15/18 A61L15/22 A61L15/26 A61L15/28 A61L15/32 A61L15/42 A61L15/44 A61L15/58 A61L24/00 A61L24/04 A61L26/00 A61P17/02 B05D3/10 (Advanced/Invention); A61L15/22 A61L15/42 A61L15/58 A61L24/00 A61L24/04 (Core/Invention); A61L15/16 A61L15/32 (Core/Non-invention); A61L (Subclass/Invention)

CPC: A61L15/425 A61L15/325 A61L24/0036 A61L24/0094 A61L2400/04 A61L15/28 A61L15/32 A61L15/44 A61L15/18 A61L15/225 C12Y304/21005 A61F13/00063 A61L2420/02 A61L2300/252 A61L2300/232 A61L2300/254 A61L2300/418 A61L2300/606 A61F2013/0011 A61L15/26

European: A61L24/00H8 A61L24/00R4R K61L400/04

US: 1/1 424/402 424/426 424/446 424/484 427/2.1 427/2.100S 427/2.31 514/425 514/723 604/367 604/368 604/368P 604/369 604/369S



Family:

Publication number	Publication date	Application number	Application date
AR087327 AA	20140319	AR2011P101177	20110407
AU2011237901 AA	20111013	AU20110237901	20110407
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CR20120492 A	20130319	CR20120000492	20120927
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DE602011030002 D1	20161013	DE201160030002T	20110407
DK2555804 T3	20150803	DK20110712579T	20110407
EP2555804 A1	20130213	EP20110712579	20110407
EP2555804 B1	20150603	EP20110712579	20110407
EP2939697 A1	20151104	EP20150165862	20110407
EP2939697 B1	20160831	EP20150165862	20110407
EP3103481 A1	20161214	EP20160178209	20110407
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HK1179904 A1	20131011	HK20130107218	20130620
HK1179904 A1	20151030	HK20130107218	20130620
HK1179904 B	20151030	HK20130107218	20130620
HK1227775 A1	20171027	HK20170101789	20170220
HR20150896 T1	20150925	HR20150000896	20150826
IL222109 A0	20121129	IL20110222109	20110407
IN08873DN2012 A	20160129	IN2012DN08873	20121012
JP2013523296 T2	20130617	JP20130503115T	20110407
JP5856142 B2	20160209	JP20130503115T	20110407
KR101832518 B1	20180226	KR20127029061	20110407
KR20130091636 A	20130819	KR20127029061	20110407
MX2012011635 A1	20130227	MX20120011635	20110407
NZ602630 A	20140829	NZ20110602630	20110407
PE06952013 A1	20130615	PE20120001998	20110407
PT2555804 T	20150925	PT20110712579T	20110407
RU2012147275 A	20140520	RU20120147275	20110407
RU2562569 C2	20150910	RU20120147275	20110407
TH141518 A	20150629	TH20121005302	20110407
TR201508637 T4	20150821	TR20150008637T	20110407
TW201141546 A	20111201	TW20110111985	20110407
TWI511753 B	20151211	TW20110111985	20110407
US2011251574 AA	20111013	US20110082114	20110407
US2013028975 AA	20130131	US20110639490	20110407
US2014308325 AA	20141016	US20140184543	20140219
US2016317697 AA	20161103	US20160181280	20160613
US8703170 BB	20140422	US20110082114	20110407
US9375505 BB	20160628	US20140184543	20140219
UY33320 A1	20111201	UY20110033320	20110407

WO11124640 A1	20111013	WO2011EP55418	20110407
ZA201207502 A	20130626	ZA20120007502	20121005

Priority:

US20100321661P	20100407	US20100424031P	20101216	EP20110712579	20110407
EP20150165862	20110407	US20110082114	20110407	US20110639490	20110407
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US20160181280	20160613				

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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 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 RO RS RU 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

Title: FORMULATIONS FOR WOUND THERAPY

Abstract: The present invention relates to novel formulations comprising a dry powder fibrin sealant comprised a mixture of fibrinogen and/or thrombin, for use in the treatment of wounds or injuries, in particular for use as a topical hemostatic composition or for surgical intervention.

Classifications:

International (IPC 8-9): A61K A61K38/36 A61K38/43 A61K38/46 A61K38/48 A61K47/10 A61K47/26 A61K47/34 A61K47/36 A61K47/38 A61K47/42 A61K9/00 A61K9/06 A61K9/10 A61K9/16 A61K9/70 A61L15/28 A61L15/32 A61L15/42 A61L15/44 A61L15/64 A61L26/00 A61P17/02 A61P7/04 (Advanced/Invention)
CPC: A61L26/0085 A61L26/0023 A61L15/28 A61K47/10 A61K47/26 A61L2430/34 A61L2300/254 A61K38/363 A61K38/4833 A61L15/44 A61L15/64 A61L26/009 A61L2300/252 A61L2400/04 A61K9/0014 A61K9/1617 A61K9/1623 A61L26/0042 A61L2300/418 A61L15/32 C12Y304/21005 A61L15/425 A61L26/0066
US: 424/94.64

Family:

Publication number	Publication date	Application number	Application date
AU2012280218 AA	20130110	AU20120280218	20120706
AU2012280218 BB	20170119	AU20120280218	20120706
BR112013033444 A2	20170131	BR20131133444	20120706
CA2840905 AA	20140103	CA20122840905	20120706
CN103717208 A	20140409	CN201280033664	20120706
EP2729129 A1	20140514	EP20120733135	20120706
IL230256 A0	20140227	IL20120230256	20120706
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JP2014518250 T2	20140728	JP20140517836T	20120706
KR20140041709 A	20140404	KR20147000676	20120706
RU2013155713 A	20150820	RU20130155713	20120606
US2014369991 AA	20141218	US20120131012	20120706
US2017304483 AA	20171026	US20170633017	20170626
US9717821 BB	20170801	US20120131012	20120706
WO13004838 A1	20130110	WO2012EP63330	20120706

Priority:

EP20110172945	20110706	WO2012EP63330	20120606	EP20120733135	20120706
WO2012EP63330	20120706	US20140131012	20140227	US20170633017	20170626

Probable Assignee: MALLINCKRODT PHARMA IP TRADING DAC

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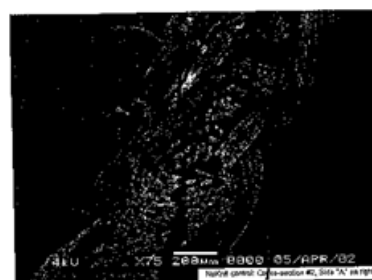
Agent(s): WRAYS; PHILLIPS ORMONDE FITZPATRICK; MARKS AND CLERK; OSLER HOSKIN AND HARCOURT LLP; RINGELING PATRICIA LOUISE; RINGELING PATRICIA

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 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

Title: HEMOSTATIC WOUND DRESSING AND METHOD OF MAKING SAME**Abstract:** The present invention is directed to wound dressings that contain a fabric made from biocompatible polymeric fibers and having flexibility, strength and porosity effective for use as a hemostat, and a porous, polymeric matrix prepared from a biocompatible, water-soluble or water-swellaible polymer dispersed through the fabric; and to methods of making such wound dressings.**Classifications:****International (ipc 8-9):** A61B17/12 A61F13/00 A61F13/02 A61K31/715 A61K31/717 A61K38/37 A61K38/38 A61K38/46 A61K38/48 A61L15/00 A61L15/16 A61L15/22 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/42 A61L15/44 A61L15/62 A61L15/64 A61L27/20 C08L1/04 C08L1/28 (Advanced/Invention); A61L15/28 C08L1/16 C08L1/28 C08L5/08 (Advanced/Non-invention); A61B17/12 A61F13/00 A61F13/02 A61L15/00 A61L15/16 A61L27/00 C08L1/00 (Core/Invention); C08L5/00 (Core/Non-invention)**International (ipc 1-7):** A61B17/12 A61F13/00 A61F13/02 A61F13/539 A61K31/715 A61K31/716 A61K31/727 A61K31/728 A61K31/737 A61K38/00 A61K48/00 A61K9/70 A61L15/00 A61L15/16 A61L15/22 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/42 A61L15/44 A61L15/60 A61L15/62 A61L15/64 A61L24/00 A61L27/20 B32B5/02 C08L1/04 D06M15/00 D06M15/15 D06M23/10**CPC:** A61K31/715 A61K31/717 A61K38/11 A61K38/363 A61K38/38 A61K38/39 A61K38/4833 A61K38/4846 A61L15/44 A61L2300/418 Y10T442/2525 A61L15/32 A61L15/64 A61L27/20 D04B21/16 D10B2509/022 D10B2509/08 C08L1/04 A61L15/425 A61L2400/04 C08L1/16 C08L1/284 C08L5/08 A61L15/28**European:** A61K31/715 A61K31/717 A61K38/11 A61K38/36A A61K38/38 A61K38/39 A61K38/48K21 A61K38/48K5 A61L15/28 A61L15/32 A61L15/42E A61L15/44 A61L15/64 A61L27/20 C08L1/04 C08L1/16 C08L1/28D D04B21/16 K61L300/418 K61L400/04 M08L1/16 M08L1/28D M08L5/08 N10B509/022 N10B509/08**US:** 424/443 424/445 424/445P 424/445S 424/446 424/447 424/94.62 424/94.620S 424/94.64 424/94.640S 442/123 442/123P 442/123S 514/1.3 514/1.300S 514/10.9 514/10.900S 514/12 514/13.6 514/13.600S 514/13.7 514/13.700S 514/14.3 514/14.300S 514/14.4 514/14.400S 514/14.5 514/14.500S 514/15.2 514/15.200S 514/17.2 514/17.200S 514/19.1 514/19.100S 514/2 514/20.9 514/20.900S 514/44 514/44.00RS 514/44R 514/54 514/54S 514/55 514/55S 514/56 514/56S 514/57 514/57S 514/59 514/59S 514/6 514/60 514/60S 514/9.3 514/9.300S 514/9.4 514/9.400S

PatBase - US2004001879_AA

Patent Application Publication Jan. 1, 2004 Sheet 1 of 9 US2004001879 A1

**Family:**

Publication number	Publication date	Application number	Application date
AR040298 AA	20050323	AR2003P102338	20030627
AR040299 AA	20050323	AR2003P102339	20030627
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AR040303 AA	20050323	AR2003P102343	20030627
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AT505213 E	20110415	AT20030254091T	20030627
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CN1531976 A	20040929	CN20031052686	20030627
CN1533751 A	20041006	CN20031027481	20030627
CN1621016 A	20050601	CN200410104738	20041125
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ES2361540 T3	20110617	ES20030254091T	20030627
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IL156681 A0	20040104	IL20030156681	20030626
IL156695 A0	20040104	IL20030156695	20030629
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JP2004160182 A2	20040610	JP20030187344	20030630
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Priority:

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Probable Assignee: ETHICON INC

Assignee(s): (std): GORMAN ANNE J ; GORMAN ANNE JESSICA ; GUO JIAN XIN ; LOONEY DWAYNE LEE ; PENDHARKAR SANYOG MANOHAR ; JOHNSON AND JOHNSON ; PENDHARKAR SANYOG M ; ZHANG GUANGHUI ; ETHICON INC

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SANYOG MANOHAR PENDHARKAR ; SM PENDHARKAR ; SM PONHACARD ; THOMAS LEE CRAVEN ; WILLIAM K WISSING ; WISSING WILLIAM K ; WK WISSING ; ZHANG G ; ZHANG GUANG HUI ; ZHANG GUANGHUI ; WISSING W K ; AJ GORMAN ; ANNE JESSICA GORMAN ; DL RONG ; DL RONY ; DWAYNE LEE LOONEY ; G ZHANG ; GUO J X ; JIAN XIN GUO ; JX GUO ; MICHELLE BERMEL ; RONY D L ; PENDKARKAR SANYOG MANOHAR ; PENDHARKAR SANYOG M ; PENDHARKAR S M ; LOONEY DWAYNE LEE ; LEE LOONEY DWAYNE ; GUO JIAN XIN ; GUANGHUI ZHANG ; GORMAN ANNE JESSICA ; GORMAN ANNE J ; GORMAN A J ; CRAVEN THOMAS LEE ; BERMEL MICHELLE ; GORMAN ANN JESSICA

Inventor(s): A J GORMAN ; J X GUO ; PENDHARKAR SANYOG ; GORMAN ANNE ; D L RONG ; D L RONY ; W K WISSING ; SANYOG MANOHAR PENDKARKAR ; S M PONHACARD ; S M PENDHARKAR

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FPA PATENT ATTORNEYS PTY LTD; CALLINANS; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; OGILVY RENAULT LLP SENCRL SRL; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; MERCER CHRISTOPHER PAUL; PHILIP S JOHNSON JOHNSON AND JOHNSON

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Title: DEPLOYABLE HEMOSTATIC AGENT

Abstract: This invention relates to deployable hemostatic materials comprising chitosan fibers upon which hemostatic microporous polysaccharide microspheres are deposited. The hemostatic materials are suitable for use in controlling active bleeding from artery and vein lacerations, sealing femoral artery punctures, and controlling oozing from tissue.

Classifications:

International (IPC 8-9): A61B17/08 A61F13/00 A61F13/02 A61F13/15 A61F13/36 A61K47/36 A61K9/70 A61L A61L15/22 A61L15/28 A61L15/32 A61L15/44 A61L15/62 A61L17/10 A61L26/00 A61P7/04 B32B B32B37/00 B32B38/16 B32B5/00 D01F D01F9/00 D06M

D06M17/00 (Advanced/Invention);

A61L17/00 B32B37/00 B32B5/00 D01F9/00 D06M17/00 (Core/Invention);

A61F A61K (Subclass/Invention)

International (IPC 1-7): A61B17/08 A61F13/00 A61F13/02 A61F2/00 A61K47/36 A61K9/48 A61K9/70 A61P7/04

CPC: A61B17/0057 A61B17/06166 A61B2017/00654 A61B2017/00884

A61B2017/00898 A61L15/225 A61L26/0052 A61L2400/04 A61K9/70

A61K47/36 A61L26/0066 A61L2300/232 A61L2300/402 A61L2300/404

A61L2300/41 A61L2300/416 A61L2300/418 A61L2300/45 A61L2300/622

European: A61B17/00P A61B17/06S A61K47/36 A61K9/70 A61L15/22M

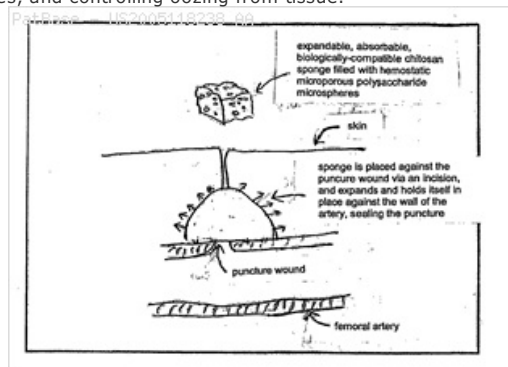
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K61B17/00S22 K61B17/06S K61L300/232 K61L300/402 K61L300/404

K61L300/410 K61L300/416 K61L300/418 K61L300/450 K61L300/622

K61L400/04

US: 424/443 424/443P



Family:

Publication number	Publication date	Application number	Application date
AU2004253463 AA	20050113	AU20040253463	20040614
AU2004253463 AB	20060209	AU20040253463	20040614
AU2004253463 BB	20101209	AU20040253463	20040614
AU2004285406 AA	20050512	AU20040285406	20040614
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CA2529717 C	20130402	CA20042529717	20040614
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EP1638491 A4	20080528	EP20040776473	20040614
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TW200507807 A	20050301	TW20040117130	20040615
TW200518789 A	20050616	TW20040117131	20040615
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TWI364272 B	20120521	TW20040117131	20040615
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US2005123588 AA	20050609	US20040868201	20040614
WO05002510 A2	20050113	WO2004US18575	20040614
WO05002510 A3	20050609	WO2004US18575	20040614
WO05041811 A2	20050512	WO2004US19043	20040614
WO05041811 A3	20060413	WO2004US19043	20040614

Priority:

US20030479096P 20030616	US20030479096P 20030616	US20030479097P 20030616
US20030479097P 20030616	US20030531362P 20031219	US20030531362P 20031219
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Probable Assignee: MEDAFOR INC

Assignee(s): (std): DICKSON CINDY ; DRAKE JAMES ; HU YONG ; KIRSCH WOLFF M ; UNIV LOMA LINDA MED ; YANG CHANG ZHENG ; SHEN QUN DONG ; UNIV LOMA LINDA ; MEDAFOR INC ; ZHU YONG HUA

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Inventor(s): ZHU YONG HUA KIRSCH WOLFF M ; ZHU YONG HUA KIRSCH WOLFF M YANG CHANG ZHENG DRAKE ; ZHU YONG HUA YANG CHANG ZHENG KIRSCH WOLFF M ; ZHU YONG HUA YANG CHANG ZHENG KIRSCH WOLFF M SHEN ; ZHU YONG ; YANG CHANG ; KIRSCH WOLFF

Agent(s): CULLENS PTY LTD ; CULLENS PATENT AND TRADE MARK ATTORNEYS ; SPRUSON AND FERGUSON ; FETHERSTONHAUGH AND CO ; INSIGHT INTELLECTUAL PROPERTY LTD ; KNOBBE MARTENS OLSON AND

BEAR LLP

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

Title: SEMISOLID SYSTEM AND COMBINATION SEMISOLID, MULTIPARTICULATE SYSTEM FOR SEALING TISSUES AND/OR CONTROLLING BIOLOGICAL FLUIDS

Abstract: A semisolid system and combination semisolid, multiparticulate system for controlling biological fluids is provided which includes a body fluid control composition. The body fluid control composition is adapted for utilization both as an independent mixture for direct topical application to body tissue for human or veterinary application and for incorporation with a standard medical products in order to facilitate absorption, moisture balance, hemostasis, infection control, and wound healing.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61F13/15 A61F13/472 A61F13/49 A61F13/514 A61K31/20 A61K31/215 A61K31/715 A61K31/728 A61K31/74 A61K31/77 A61K33/14 A61K35/14 A61K45/00 A61K47/04 A61K47/10 A61K47/14 A61K47/22 A61K47/34 A61K47/36 A61K47/38 A61K47/46 A61K9/70 A61L15/42 A61L15/44 A61L26/00 A61L27/00 A61P17/02 A61P7/04 (Advanced/Invention); A61K31/728 A61K31/74 A61K9/70 A61L15/42 (Advanced/Non-invention); A61F13/00 A61F13/02 A61K31/726 A61K31/74 A61K35/14 A61K9/70 A61L15/16 A61L26/00 (Core/Invention)

International (IPC 1-7): A61L15/42

CPC: A61F13/00068 A61F13/069 A61F2013/00157 A61F2013/00174 A61F2013/00217 A61F2013/00246 A61F2013/00412 A61F2013/00468 A61F2013/00519 A61F2013/00536 A61F2013/0054 A61F2013/00855 A61F2013/00931 A61L2300/412 A61L2300/418 A61L2300/60 A61L2400/04 A61L26/0066 A61K38/00 A61L15/18 A61L15/20 A61L26/0004 A61L26/0061 A61L31/082 A61L2300/22 A61L2300/404 A61L2300/424 A61L2300/602 A61L2300/802 A61L15/42

European: A61F13/00 A61F13/00B8 A61F13/02 A61K31/728 A61K31/74 A61L15/18 A61L15/20 A61L15/42 A61L26/00A A61L26/00H A61L26/00H2 A61L31/08B K61F13/00J11 K61F13/00J13 K61F13/00J6 K61F13/00J8A K61F13/00L10 K61F13/00L12E1 K61F13/00L1C K61F13/00L1H1 K61F13/00L1R K61F13/00L1T K61F13/00L1V K61F13/06D9 K61K38/00 K61L300/220 K61L300/404 K61L300/412 K61L300/418 K61L300/424 K61L300/60 K61L300/602 K61L300/802

US: 424/422 424/443 424/443P 424/448 424/448P 424/78.27 424/78.270S 424/93.7 424/93.700S 514/54 514/54S



Family:

Publication number	Publication date	Application number	Application date
AU2005316579 AA	20060622	AU20050316579	20051213
BRPI0518637 A2	20081202	BR2005PI18637	20051213
CA2595132 AA	20070608	CA20052595132	20051213
CA2595132 C	20150505	CA20052595132	20051213
CN101184513 A	20080521	CN200580048030	20051213
EP1830895 A2	20070912	EP20050853860	20051213
IN02536CN2007 A	20070907	IN2007CN02536	20070613
JP2008523149 T2	20080703	JP20070546823T	20051213
KR20070100733 A	20071011	KR20077015945	20070712
US2006127437 AA	20060615	US20040009623	20041213
US2007053957 AA	20070308	US20060452139	20060613
US2007059350 AA	20070315	US20060452090	20060612
US8535709 BB	20130917	US20060452139	20060613
WO06065800 A2	20060622	WO2005US45034	20051213
WO06065800 A3	20060921	WO2005US45034	20051213
WO07070561 A2	20070621	WO2006US47514	20061213
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Priority:

US20040009623 20041213 US20050750096P 20051213 WO2005US45034 20051213
US20060452090 20060612 US20060452139 20060613

Probable Assignee: SOUTHEASTERN MEDICAL TECHNOLOGIES LLC

Assignee(s): (std): JONES CURTIS E II ; JONES II CURTIS E ; KENNEDY JOHN P ; MISTY ANDERSON KENNEDY ; SOUTHEASTERN MEDICAL TECHNOLOG ; SOUTHEASTERN MEDICAL TECHNOLOGIES LLC

Assignee(s): SOUTHEASTERN MEDICAL TECHNOLOGIES

Inventor(s): (std): JONES CURTIS E II ; KENNEDY JOHN P ; JONES II CURTIS E

Inventor(s): JONES CURTIS E ; JOHN P KENNEDY ; CURTIS E II JONES ; KENNEDY JOHN ; JONES CURTIS ; JONES CURTIS EII ; CURTIS E JONES II

Agent(s): GRIFFITH HACK ; GOWLING LAFLEUR HENDERSON LLP ; BROMBERG AND SUNSTEIN LLP ; NIXON AND VANDERHYE PC

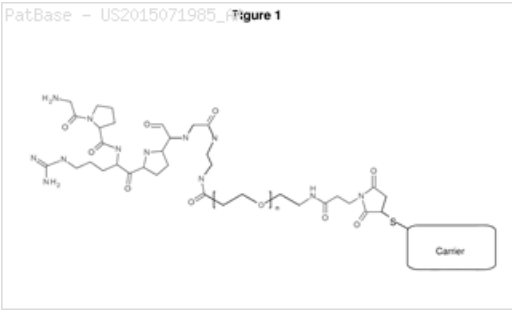
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Title: HAEMOSTATIC WOUND DRESSING

Abstract: Haemostatic wound dressings are described. The dressings comprise a non-colloidal porous dressing material, and a plurality of fibrinogen-binding peptides immobilised to the non-colloidal porous dressing material, wherein each fibrinogen-binding peptide comprises: an amino acid sequence Gly-Pro-Arg-Xaa (SEQ ID NO: 1) at an amino-terminal end of the peptide, wherein Xaa is any amino acid other than Val, preferably Pro, Sar, or Leu; or an amino acid sequence Gly-His-Arg-Xaa (SEQ ID NO: 2) at an amino-terminal end of the peptide, wherein Xaa is any amino acid other than Pro. The dressings are able to accelerate haemostasis without requiring enzymatic activity. In particular, the dressings to do not rely on the action of exogenous thrombin, and can be stored long-term at room temperature in solution. Methods of making the dressings, and use of the dressings to control bleeding are also described.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61F13/36 A61K38/00 A61K38/36 A61K47/34 A61K47/36 A61K47/38 A61K47/42 A61K9/16 A61K9/70 A61L15/16 A61L15/26 A61L15/28 A61L15/32 A61L15/42 A61L15/44 A61L15/58 A61L24/00 A61L24/10 A61L26/00 A61P17/02 A61P7/04 C07K14/00 C07K14/75 C07K14/765 C07K5/103 C07K5/113 C07K7/02 C07K9/00 (Advanced/Invention)
CPC: A61L26/0028 A61L24/0015 A61L24/0036 A61L24/108 A61L24/0073 A61L2300/252 A61L2300/606 A61L2300/418 A61L2400/04 A61L15/325 A61L15/425 A61L2300/25 A61L2400/18 A61L15/44 A61L15/32 A61L26/00
US: 424/445 514/13.7



Family:

Publication number	Publication date	Application number	Application date
■ CN104114198 A	20141022	CN201380007527	20130201
■ CN104114198 B	20180904	CN201380007527	20130201
■ EP2809365 A1	20141210	EP20130708510	20130201
■ GB201201751 A0	20120314	GB20120001751	20120201
■ GB201301847 A0	20130320	GB20130001847	20130201
■ GB2501348 A1	20131023	GB20130001847	20130201
■ IN06952DN2014 A	20150410	IN2014DN06952	20140819
■ JP2015506764 T2	20150305	JP20140555315T	20130201
■ JP6258868 B2	20180110	JP20140555315T	20130201
■ KR20140121864 A	20141016	KR20147023963	20130201
■ RU2014132763 A	20160327	RU20140132763	20130201
■ RU2661036 C2	20180711	RU20140132763	20130201
■ US2015071985 AA	20150312	US20130376023	20130201
■ US9808553 BB	20171107	US20130376023	20130201
■ WO13114132 A1	20130808	WO2013GB50237	20130201

Priority:

GB20120001751 20120201 WO2013GB50237 20130201

Probable Assignee: HAEMOSTATIX LTD

Assignee(s): (std): GEMOSTATIKS LTD ; HAEMOSTATIX LTD

Inventor(s): (std): MIDDLETON SARAH MARGARET ; WALKER GREG ; VOLKER GREG ; MIDDLETON SARA MARGARET

Inventor(s): SARAH MARGARET MIDDLETON ; GREG WALKER

Agent(s): CARRIDGE ANDREW EDWARD; KOGA TETSUJI; AOKI ATSUSHI; FUKUMOTO TSUMORU; ISHIDA TAKASHI; PATENTIKA; SCULLY SCOTT MURPHY AND PRESSER PC; THORNTON NEIL

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 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 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

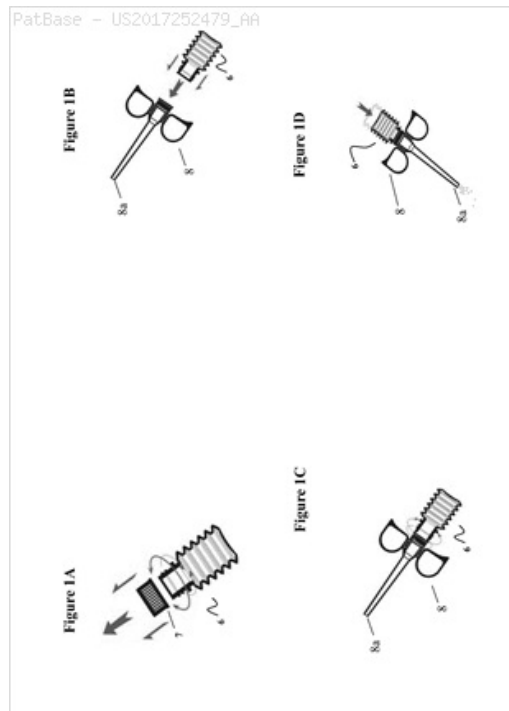
Title: BIOCOMPATIBLE HEMOSTATIC PRODUCT AND PREPARATION METHOD THEREOF

Abstract: Provided herein are a biocompatible hemostatic product and a tissue sealant, including polyethylene oxide particles with a viscosity-average molecular weight ranging from 100,000 to 7,000,000 Daltons, a particle size ranging from 0.5 micro m to 2000 micro m and a water absorbency capacity ranging from 1 to 500 times of its own weight. Also provided herein is a method for preparing biocompatible hemostatic product and tissue sealant and the use of the biocompatible hemostatic product and tissue sealant in hemostasis, preventing adhesion, avoiding infection, promoting tissue healing, and sealing wound of tissues and organs either on animal's body surface, or inside body's cavity.

Classifications:

International (IPC 8-9): A61L15/18 A61L15/20 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/42 A61L15/44 A61L15/60 A61L24/00 A61L24/04 A61L26/00 (Advanced/Invention)

CPC: A61L15/44 A61L26/0019 A61L26/0014 A61L26/0023 A61L26/0052 A61L26/0066 A61L26/009 A61L2300/406 A61L2300/41 A61L2300/418 A61L2300/802 A61L26/0061 A61L2300/60 A61L15/26 A61L2400/04 A61L15/46 A61L24/0015 A61L24/0026 A61L24/043 A61L24/046 A61L26/0076



Family:

Publication number	Publication date	Application number	Application date
CN105412975 A	20160323	CN201410478818	20140918
EP3228331 A1	20171011	EP20150841194	20150902
EP3228331 A4	20181017	EP20150841194	20150902
JP2017527416 T2	20170921	JP20170515844T	20150902
KR20170060054 A	20170531	KR20177010072	20150902
US2017252479 AA	20170907	US20150511300	20150902
WO16041443 A1	20160324	WO2015CN088844	20150902

Priority:

CN201410478818 20140918 WO2015CN088844 20150902 WO2015CN88844 20150902

Probable Assignee: SUZHOU ANDEJIA BIOLOGICAL TECH CO LTD

Assignee(s): (std): ENDOCLOT PLUS CO LTD ; ENDOCLOT PLUS SUZHOU CO LTD ; SUZHOU ANDEJIA BIOLOGICAL TECH CO LTD

Assignee(s): SUZHOU ANDEJIA BIOLOGICAL TECHNOLOGY CO ; ENDOCLOT PLUS SUZHOU CO ; ENDOCLOT PLUS CO

Inventor(s): (std): JI XIN ; XING CHENG ; ZHANG HENG ; ZHOU YING

Agent(s): O BRIEN LISA; BEIJING KINSCOM INTELLECTUAL PROPERTY AGENT CO LTD

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

Title: WOUND DRESSING MATERIALS COMPRISING COMPLEXES OF ANIONIC POLYSACCHARIDES WITH SILVER

Abstract: The invention provides a wound dressing material comprising a complex of an anionic polysaccharide with silver, wherein the material comprises from about 0.1 weight percent to about 3 weight percent of silver. Also provided are wound dressings comprising such materials, and the use of such materials in medicine.

Classifications:

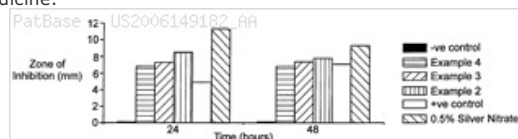
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International (IPC 1-7): A61F13/00 A61K31/28 A61K31/715 A61K33/38 A61L15/00 A61L15/22 A61L15/28 A61L15/44 A61L26/00 A61L31/04 A61L31/16 C08B15/05 C08B37/00

CPC: A61K47/6953 C08B37/0084 A61F2013/00902 A61F2013/0091 A61K31/28 A61K31/715 A61K31/717 A61K31/721 A61K31/723 A61K31/728 A61K31/731 A61K31/732 A61K31/734 A61K33/38 A61K45/06 A61L15/225 A61L15/28 A61L15/325 A61L15/425 A61L15/44 A61L15/46 A61L26/0023 A61L26/0052 A61L26/0066 A61L2300/104 A61L2300/232 A61L2300/404 A61L2300/418 A61L2300/45 A61L2300/802 C08B15/05 C08B37/00 C08B37/0033 C08B37/0045 C08B37/0072

European: A61K31/28 A61K31/715 A61K31/717 A61K31/721 A61K31/723 A61K31/728 A61K31/731 A61K31/732 A61K31/734 A61K33/38 A61K45/06 A61K47/48W22 A61L15/22M A61L15/28 A61L15/32A A61L15/42E A61L15/44 A61L15/46 A61L26/00B5 A61L26/00B8 A61L26/00H2 A61L31/04B A61L31/04D C08B15/05 C08B37/00 C08B37/00M3D C08B37/00M5 C08B37/00P2F C08B37/00P4 K61F13/00L12 K61F13/00L12B K61L300/104 K61L300/232 K61L300/404 K61L300/418 K61L300/450 K61L300/802

US: 602/41 602/41S 602/42 602/43 602/43S 602/48 602/48S 602/49 602/49P



Family:

Publication number	Publication date	Application number	Application date
AT360444 E	20070515	AT20030795068T	20030910
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EP1536845 B1	20070425	EP20030795068	20030910
ES2286497 T3	20071201	ES20030795068T	20030910
GB200221062 A0	20021023	GB200220021062	20020911
GB2392913 A1	20040317	GB200220021062	20020911
GB2392913 B2	20070404	GB200220021062	20020911
JP2005537882 T2	20051215	JP20040535645T	20030910
JP4808402 B2	20111102	JP20040535645T	20030910
PL207044 B1	20101029	PL20030375829	20030910
PL375829 A1	20051212	PL20030375829	20030910
PT1536845 T	20070601	PT20030795068T	20030910
SI1536845 T1	20071031	SI20030030821T	20030910
US2006149182 AA	20060706	US20030527421	20030910
US8461410 BB	20130611	US20030527421	20030910
WO04024197 A1	20040325	WO2003GB03898	20030910

Priority:

GB20020021062 20020911 US20020414381P 20020930 EP20030795068 20030910
US20030527421 20030910 WO2003GB03898 20030910

Probable Assignee: ETHICON INC

Assignee(s): (std): ADDISON DEBORAH ; CULLEN BREDA M ; CULLEN BREDA MARY ; ESSELER ALICIA ; JOHNSON AND JOHNSON MEDICAL LTD ; GREENHALGH DAVID ; GREGORY SARAH JAYNE ; JOHNSON AND JOHNSON MEDICAL LT ; ESSLER ALICIA ; ETHICON INC

Assignee(s): JOHNSON AND JOHNSON MEDICAL LIMITED

Inventor(s): (std): CULLEN BREDA MARY ; DAVID GREENHALGH ; DEBORAH ADDISON ; ESSLER ALICIA ; GREENHALGH DAVID ; SARAH JAYNE GREGORY ; GREGORY SARAH JAYNE ; ESSELER ALICIA ; CULLEN BREDA M ; ADDISON DEBORAH ; ALICIA ESSELER ; BREDA MARY CULLEN

Inventor(s): CULLEN BREDA ; ALICIA ESSLER

Agent(s): FPA PATENT ATTORNEYS PTY LTD; FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; KIRBY EADES GALE BAKER; PHILIP S JOHNSON JOHNSON AND JOHNSON; THEODORE J

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

Title: REINFORCED ABSORBABLE MULTILAYERED HEMOSTATIC WOUND DRESSING

Abstract: The present invention is directed to a reinforced absorbable multilayered hemostatic wound dressing comprising a first absorbable nonwoven fabric, a second absorbable woven or knitted fabric, thrombin and fibrinogen.

Classifications:

International (IPC 8-9): A61F13/00 A61K38/36 A61K38/48 A61K9/00 A61K9/66 A61K9/70 A61L A61L15/00 A61L15/16 A61L15/22 A61L15/26 A61L15/28 A61L15/32 A61L15/38 A61L15/42 A61L15/44 A61L15/64 A61L24/00 A61P17/02 B32B23/02 B32B23/10 B32B27/04 B32B27/36 B32B5/02 B32B5/26 (Advanced/Invention); A61L15/32 A61L15/42 A61L15/64 (Advanced/Non-invention); A61F13/00 A61K38/36 A61K38/43 A61K9/00 A61K9/52 A61L15/00 A61L15/16 A61L24/00 A61P17/00 B32B27/04 (Core/Invention); A61L (Subclass/Invention)

International (IPC 1-7): A61K9/70 A61L15/16 A61L15/32 A61L15/64 **CPC:** A61K9/70 A61K9/7007 A61F13/00029 B32B2262/04 C08L67/04 Y10T442/2525 A61L15/26 A61L15/28 A61L15/44 A61L2300/418 A61L2300/608 A61L2400/04 B32B5/022 B32B5/024 B32B5/026 B32B5/26 B32B23/02 B32B23/10 B32B27/36 B32B2250/20 B32B2262/0276 B32B2262/06 B32B2262/062 B32B2307/726 B32B2556/00 A61L15/32 A61L15/64

European: A61L15/26 A61L15/28 A61L15/32 A61L15/42E A61L15/44 A61L15/64 B32B23/02 B32B23/10 B32B27/36 B32B5/02A B32B5/02B B32B5/02C B32B5/26 K61L300/418 K61L300/608 K61L400/04 L32B250/20 L32B262/02L L32B262/06 L32B262/06A L32B307/726 L32B556/00

US: 1/1 424/402 424/402P 424/445 424/445P 424/447 424/447P 424/455 424/455P 424/94.64 424/94.640S 442/123 442/123S 514/1.1 514/1.100S 514/12 514/13.6 514/13.600S 514/13.7 514/13.700S 514/14.7 514/14.700S 514/9.4 514/9.400S

PatBase - US2006088589_AA

Patent Application Publication Apr. 27, 2006

US 2006/088589 A1

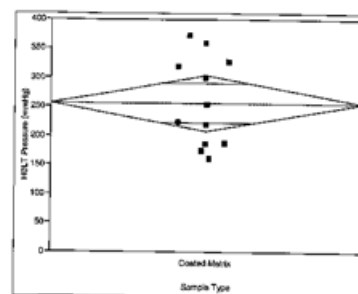
Analysis of HBLT Burst Pressure (mmHg) Data

FIG. 1

Family:

Publication number	Publication date	Application number	Application date
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ES2552233 T3	20151126	ES20050813108T	20051017
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HK1130704 A1	20100108	HK20090109342	20091008
HK1130704 B	20160520	HK20090109342	20091008
HK1207009 A1	20160122	HK20150107613	20150807
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IL182565 A0	20070724	IL20070182565	20070416
IL182565 A1	20110131	IL20050182565	20051017

IN00728KN2015 A	20160826	IN2015KN00728	20150317
IN01338KN2007 A	20070720	IN2007KN01338	20070417
IN01780KN2007 A	20070810	IN2007KN01780	20070518
IN253520 B	20120727	IN2007KN01338	20070417
IN266289 B	20150501	IN2007KN01780	20070518
JP2008516735 T2	20080522	JP20070537971T	20051017
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JP5133061 B2	20130130	JP20070537974T	20051017
JP5191736 B2	20130508	JP20070537971T	20051017
KR101342872 B1	20131219	KR20077011437	20051017
KR20070092701 A	20070913	KR20077011437	20070518
KR20070095870 A	20071001	KR20077010895	20070514
TW200630125 A	20060901	TW20050136438	20051019
TW200630126 A	20060901	TW20050136436	20051019
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US2009246238 AA	20091001	US20090400522	20090309
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WO06044882 A3	20060908	WO2005US37407	20051017

Priority:

US20040620539	20041020	US20040620539P	20041020	US20050696258P	20050701
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US20140620539P	20141020				

Probable Assignee: OMRX BIOPHARMACEUTICALS INC

Assignee(s): (std): GORMAN ANNE J ; PENDHARKAR SANYOG M ; NUR ISRAEL ; LAUB ORGAD ; OMRX BIOPHARMACEUTICAL INC ; MARTINS SONIA ; GORMAN ANNE JESSICA ; PENDHARKAR SANYOG MANOHAR ; MEIDLER ROBERTO ; OMRX BIOPHARMACEUTICAL SA ; BAR LILIANA ; BAR LILLIAN ; BARONE ROBIN ; ETHICON INC ; OMRX BIOPHARM SA ; OMRX BIOPHARMACEUTICALS INC ; OMREX BIOCHEMICAL ; ZHANG GUANGHUI ; PETERS ROBIN

Assignee(s): OMRX BIOPHARMACEUTICALS SA ; ETHICON INC SOMERVILLE ; BAR LILLIANA ; OMRX BIOPHARMACEUTICALS S A

Inventor(s): (std): GUANGHUI ZHANG ; ISRAEL NUR ; LILIANA BAR ; BAR LILLIANA ; MEDLER ROBERTO ; ROBERTO MEIDLER ; ROBIN PETERS ; SONIA MARTINS ; ZHANG GUANGHUI ; PENDHARKAR SANYOG M ; NUR ISRAEL ; MEIDLER ROBERTO ; LAUB ORGAD ; GORMAN ANNE J ; BARONE ROBIN ; BAR LILLIAN ; BAR LILIANA ; BAR LILIAN MENUHA ; PETERS ROBIN ; PENDHARKAR SANYOG MANOHAR ; MARTINS SONIA ; GORMAN ANNE JESSICA ; BAR LILIANA MENUHA

Inventor(s): GORMAN ANNE ; ANNE JESSICA GORMAN ; LILLIAN BAR ; PENDHARKAR SANYOG ; ORGAD LAUB ; PENDHARKAR SANYOG MANOHAR TALEGAON DADHADE ; SANYOG MANOHAR PENDHARKAR ; LILLIANA BAR ; ZHANG GUANGHUI BELLE MEAD ; ROBERTO MEIDLER ; BARONE ROBIN FLEMINGTON ; GORMAN ANNE JESSICA HIGHTSTOWN ; MARTINS SONIA ELIZABETH

Agent(s): FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; CALLINANS; OGILVY RENAULT LLP SENCRL SRL; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; BOEHMERT AND BOEHMERT ANWALTSPARTNERSCHAFT MBB PATENTANWAELTE RECHTSANWAELTE; MUELLER BORE AND PARTNER PATENTANWAELTE PARTG MBB; KIRSCH SUSAN EDITH; JAMES ANTHONY CHRISTOPHER W P; JAMES ANTHONY CHRISTOPHER WP ET AL; CARPMAELS AND RANSFORD LLP; IZQUIERDO MARIA ALICIA; CHINA PATENT AGENT HK LTD; REINHOLD COHN AND PARTNERS; PHILIP S JOHNSON JOHNSON AND JOHNSON; DAVID R; LEO B

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

Title: CHITOSAN FOAM MEDICAL DEVICES AND METHODS

Abstract: The invention provides a solid foam wound dressing useful for hemorrhage control and wound repair, as well as methods for making such a wound dressing.

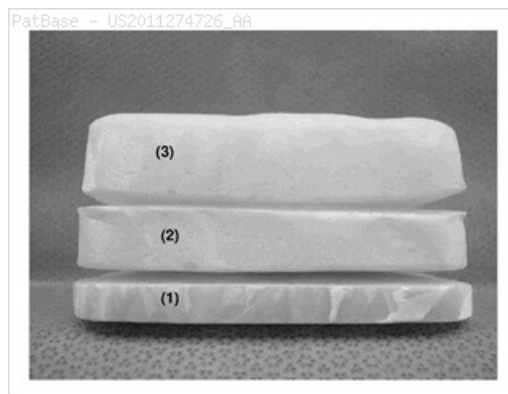
Classifications:

International (IPC 8-9): A61F A61F13/00 A61F13/02 A61F13/15
A61K31/722 A61K9/70 A61L A61L15/28 A61L15/32 A61L15/42 A61L15/44
A61P17/02 A61P31/04 A61P31/12 A61P7/04 B29C35/16
B29C44/00 (Advanced/Invention);
B29K105/04 B29L31/00 (Advanced/Non-invention);
A61F13/02 (Core/Invention);
A61F A61L (Subclass/Invention)

CPC: A61L15/44 A61F13/15577 B29C44/005 A61L2300/404
A61L2300/412 A61L2430/34 A61L2300/418 A61L2300/408 B29K2005/00
B29K2995/0037 B29L2031/753 B29K2105/045 A61L15/28 A61L15/425
A61L2400/04 C08L5/08 A61F13/00012 A61F13/00063 A61F13/00987
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European: A61F13/00A2B A61F13/00B6 A61F13/00M A61F13/00M2
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K61F13/00L5A5 K61F13/00L5D

US: 264/28 264/28S 264/51 424/400 424/400P 424/443 424/445 514/55 514/55S 602/43



Family:

Publication number	Publication date	Application number	Application date
DE602009030257 D1	20150507	DE200960030257T	20091006
EP2340002 A1	20110706	EP20090819771	20091006
EP2340002 A4	20130327	EP20090819771	20091006
EP2340002 B1	20150325	EP20090819771	20091006
HK1159462 A1	20150911	HK20120100004	20120103
HK1159462 A1	20120803	HK20120100004	20120103
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US2011274726 AA	20111110	US20090122723	20091006
US2015374877 AA	20151231	US20150847526	20150908
US10086105 BB	20181002	US20150847526	20150908
WO10042540 A1	20100415	WO2009US59726	20091006

Priority:

US20080103067P 20081006 EP20090819771 20091006 WO2009US59726 20091006
US20090122723 20091006 US20110122723 20110622 US20150847526 20150908

Probable Assignee: PROVIDENCE HEALTH SYSTEM OREGON

Assignee(s): (std): GREGORY KENTON W ; GUO JIAN XIN ; PROVIDENCE AND BIOMEDICAL RES ; PROVIDENCE AND BIOMEDICAL RES SERVICES INC ; PROVIDENCE HEALTH SYSTEM OREGON ; PROVIDENCE HEALTH SYS OREGON

Assignee(s): PROVIDENCE HEALTH SYSTEM OREGON PORTLAND ; PROVIDENCE AND BIOMEDICAL RESEARCH SERVICES INC ; PROVIDENCE AND BIOMEDICAL RESEARCH SERVICES INC PORTLAND

Inventor(s): (std): GREGORY KENTON W ; GUO JIAN XIN

Agent(s): REHBERG HUEPPE AND PARTNER PATENTANWALTE PARTG MBB; DEE IAN MARK; POTTER CLARKSON LLP; WENPING AND CO; SEED IP LAW GROUP LLP; ZUCCHERO JOSEPH C

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 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 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

Title: STABILIZERS FOR HEMOSTATIC PRODUCTS

Abstract: A hemostatic product that includes a dextran support, at least one hemostatic agent and at least one hemostatic agent stabilizer. The at least one hemostatic agent is selected from the group consisting of thrombin and fibrinogen. The at least one hemostatic agent is associated with the dextran support. The at least one hemostatic agent stabilizer is associated with the at least one hemostatic agent.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61K A61K38/00 A61K38/36 A61K38/48 A61K47/36 A61K9/70 A61L A61L15/00 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/44 A61P17/02 A61P7/04 B32B37/10 B32B37/24 B65B17/00 C08J5/18 C08J7/04 C08L5/02 C08L89/00 D05B23/00 (Advanced/Invention); A61F13/00 A61K49/00 A61M25/02 A61M25/10 A61M5/00 (Advanced/Non-invention); A61K A61L (Subclass/Invention)

CPC: A61F13/00063 A61L15/44 A61L15/24 A61L15/32 A61K9/7007 A61K38/363 A61K38/4833 A61K47/36 C12Y304/21005 A61K38/48 A61K49/00 A61M5/00 A61M25/02 A61M25/10 A61L15/28 A61L2300/418 A61L2400/04 C08L5/02
US: 112/475.08 156/182 156/73.1 424/443 424/444 424/445 424/446 424/447 424/94.64 427/2.31 514/13.6 53/438 602/48 602/50

PatBase - US2013095165_AA

**Family:**

Publication number	Publication date	Application number	Application date
AU2012326201 AA	20130425	AU20120326201	20121017
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EP2768540 A4	20150506	EP20120841666	20121017
EP2768541 A1	20140827	EP20120842651	20121017
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Priority:

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Probable Assignee: ST TERESA MEDICAL INC

Assignee(s): (std): JACKSON BRIAN ; JACKSON BRIAN JEFFREY ; MESSINA PHILIP A ; OLSON CURTIS E ; MESSINA PHILIP ; OLSON CURTIS ; ST TERESA MEDICAL INC

Assignee(s): ST TERESA MEDICAL INC1371 DONEGAL DRIVEWOODBURYMN55125US ; ST TERESA MEDICAL INC WOODBURY

Inventor(s): (std): JACKSON BRIAN JEFFREY ; MESSINA PHILIP A ; OLSON CURTIS E

Inventor(s): OLSON CURTIS E ST PAUL ; OLSON CURTIS EUS ; MESSINA PHILIP A WOODBURY ; MESSINA PHILIP AUS ; JACKSON BRIAN JEFFREYUS

Agent(s): FB RICE; FB RICE PTY LTD; MACPHERSON LESLIE AND TYERMAN LLP; DOWNING MICHAEL PHILIP;

LUZZATTO AND LUZZATTO; DICKE BILLIG AND CZAJA PLLC; MICHAEL A; MOSS AND BARNETT; BONDI
MICHAEL 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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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

Title: BIODEGRADABLE NON-WOVEN MATERIAL FOR MEDICAL PURPOSES

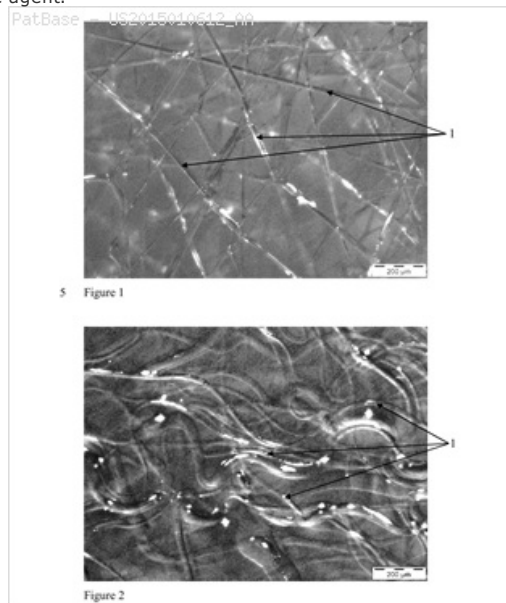
Abstract: The invention relates to a biodegradable fleece containing (i) at least one polymer for inducing primary haemostasis, (ii) at least one non-proteinogenic, low-molecular, water-soluble activator of secondary haemostasis, and (iii) at least one non-proteinogenic, low-molecular, water-soluble inhibitor of fibrinolysis. The invention also relates to a method for producing a biodegradable fleece, in which (i) a fluidised fiber raw material, and additives if applicable, is placed in a container, (ii) the container is made to rotate, (iii) the fluidised fiber raw material is dispensed from the container by means of centrifugal forces, whereby fibers or filaments are formed, and (iv) a biodegradable fleece is produced from the fibers or filaments. The invention also relates to the use of said biodegradable fleece as a local haemostatic agent.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61L15/18 A61L15/32 A61L15/44 A61L15/64 A61L17/06 A61L24/00 A61L24/08 A61L24/10 A61L26/00 A61P7/04 D01D10/00 (Advanced/Invention)

CPC: A61L2300/418 A61L2400/04 A61L24/08 A61L24/102 A61L24/104 A61L2300/404 A61L24/0042 A61L26/0038 A61L26/0004 A61L26/0066 D01D10/00 A61L24/0015 A61L15/32 A61F13/02 A61L15/18 A61L15/44 A61L15/64 A61L26/00 A61L2300/00

US: 264/8 424/445 424/678

**Family:**

Publication number	Publication date	Application number	Application date
AU2013218367 AA	20130815	AU20130218367	20130123
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CN104220101 B	20161019	CN201380008221	20130123
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EP2812037 A1	20141217	EP20130706167	20130123
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RU2014136126 A	20160327	RU20140136126	20130123
RU2596502 C2	20160910	RU20140136126	20130123
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WO13117298 A1	20130815	WO2013EP00198	20130123

Priority:

DE201210002209 20120207 EP20130706167 20130123 WO2013EP00198 20130123

Probable Assignee: CARL FREUDENBERG KG

Assignee(s): (std): FREUDENBERG CARL KG ; HERAEUS MEDICAL GMBH ; KARL FROJDNBERG KG

Assignee(s): CARL FREUDENBERG KG ; CARL FREUDENBERG KGHOFNERWEG 2-469465WEINHEIMDE ; COPANAKI EKATERINI DR ; REIBEL DENIS ; NEUMULLER DANIEL ; HERAEUS MEDICAL GMBHPHILIPP-REIS-STR. 8/1361273WEHRHEIMDE ; GRAFAHREND DIRK ; VOGT SEBASTIAN

Inventor(s): (std): COPANAKI EKATERINI ; GRAFAHREND DIRK ; KOPANAKI EKATERINI ; NEUMUELLER DIRK ; NOJMYULLER DANIEL ; REBEL DENI ; REIBEL DENIS ; FOGT SEBASTYAN ; GRAFAHREND DIRK ; VOGT SEBASTIAN ; VOGT SEBASTIAN DR ; REIBEL DENIS DR ; NEUMUELLER DIRK DR ; GRAFAHREND DIRK DR ; COPANAKI EKATERINI DR ; NEUMULLER DANIEL ; NEUMUELLER DANIEL ; HOHMANN EKATERINI

Inventor(s): VOGT SEBASTIANDE ; GRAFAHREND DIRKDE ; REIBEL DENISFR ; SEBASTIAN VOGT ; NEUMULLER DANIELDE ; COPANAKI EKATERINIDE ; DANIEL NEUMUELLER ; DENIS REIBEL ; DIRK GRAFAHREND ; EKATERINE COPANAKI

Agent(s): SPRUSON AND FERGUSON; MACRAE AND CO; EULER MATTHIAS DR; PANTEN KIRSTEN; HERAEUS IP; ELZABURU SLP ELZABURU SLP

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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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 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

Title: SYSTEM AND METHOD FOR PERCUTANEOUSLY ADMINISTERING REDUCED PRESSURE TREATMENT USING A FLOWABLE MANIFOLD

Abstract: A reduced pressure delivery system for applying a reduced pressure to a tissue site includes a manifold delivery tube having a passageway and a distal end, the distal end configured to be percutaneously inserted and placed adjacent the tissue site. A flowable material is provided and is percutaneously deliverable through the manifold delivery tube to the tissue site. The flowable material is capable of filling a void adjacent the tissue site to create a manifold having a plurality of flow channels in fluid communication with the tissue site. A reduced pressure delivery tube is provided that is capable of fluid communication with the flow channels of the manifold.

Classifications:

International (IPC 8-9): A61M1/00 A01J A46B3/06 A46B9/02 A46D1/10 A46D3/05 A61B17/00 A61B17/08 A61B17/135 A61B17/34 A61B17/56 A61B17/80 A61B17/88 A61F A61F13/00 A61F13/02 A61F13/40 A61F13/84 A61F2/00 A61F2/30 A61F2/36 A61F2/958 A61F5/00 A61F5/50 A61H7/00 A61H9/00 A61H99/00 A61K A61K31/655 A61K35/12 A61K38/18 A61K38/22 A61K47/02 A61K47/12 A61K47/26 A61K47/32 A61K47/34 A61K47/36 A61K47/42 A61K9/06 A61K9/08 A61K9/14 A61K9/70 A61L15/16 A61L15/20 A61L15/22 A61L15/28 A61L15/32 A61L15/36 A61L15/42 A61L15/44 A61L15/46 A61L15/54 A61L15/60 A61L15/64 A61L26/00 A61L31/14 A61M A61M1/06 A61M25/00 A61M25/098 A61M25/10 A61M27/00 A61M29/00 A61M29/02 A61M3/02 A61M31/00 A61M35/00 A61M37/00 A61M39/00 A61M39/16 A61M5/00 A61M5/14 A61M5/142 A61M5/50 A61P17/02 A61P41/00 B05C1/06 B23K20/10 B23K28/00 B23K31/02 B23P17/04 (Advanced/Invention);

A61B17/12 A61B17/135 A61B17/80 A61F13/00 A61F13/02 A61F2/30 A61F2/36 A61M1/00 A61M25/00 A61M27/00 A61M3/00 A61M31/00 F15B21/00 (Advanced/Non-invention); A46B3/00 A46B9/00 A46D1/00 A46D3/00 A61B17/00 A61B17/03 A61B17/34 A61B17/56 A61F13/00 A61F13/02 A61F13/15 A61H99/00 A61K35/12 A61K38/18 A61K47/02 A61K47/12 A61K47/32 A61K47/36 A61K47/42 A61L15/16 A61M1/00 A61M27/00 A61M29/00 A61M31/00 A61M37/00 B05C1/04 B23K20/10 B23K28/00 B23K31/02 B23P17/00 (Core/Invention); A61F13/00 A61F13/02 A61K35/12 A61K38/18 A61K47/02 A61K47/12 A61K47/32 A61K47/36 A61K47/42 A61M1/00 A61M27/00 A61M35/00 A61M37/00 (Core/Non-invention); A61F A61K A61M (Subclass/Invention)

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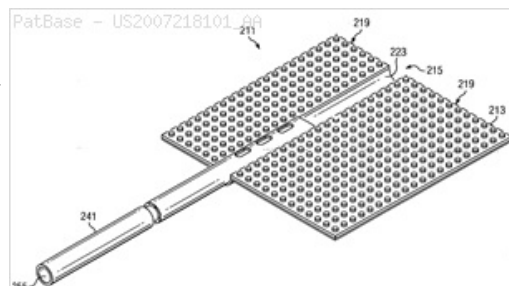
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US: 1/1 128/897 128/897S 15/160 156/244.11 219/136 219/137R 264/241 29/428 29/428S 300/21 424/423 424/423P 424/93.7 424/93.700S 514/1.1 514/1.100S 514/12 514/771 514/771S 514/772.6 514/772.600S 514/773 514/773S 514/777 514/777S 514/784 514/784S 601/10 601/148 601/6 601/6P 604/103.1 604/103.100P 604/103.11 604/131 604/131P 604/148 604/171 604/171S 604/23 604/244 604/264 604/266 604/27 604/28 604/284 604/289 604/290 604/304 604/304P 604/305 604/308 604/313 604/313P 604/313S 604/319 604/319P 604/319S 604/326 604/35 604/43 604/44 604/48 604/506 604/540 604/543 604/543P 604/57 604/73 604/93.01 604/96.01 604/96.010P 604/96.010S 604/97.02 604/97.020S 606/221 606/221P 623/23.72

Family:

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Probable Assignee: KCI LICENSING INC

Assignee(s): (std): HEATON KEITH PATRICK ; JAEB JONATHAN PAUL ; JOHNSON ROYCE W ; CORNET DOUGLAS A ; KAGAN JONATHAN ; COMET DOUGLAS A ; AMBROSIO ARCHEL A ; AMBROSIO ARCHEL A ; AMBROSIO ARCHEL A ; LONG JUSTIN ALEXANDER ; ROBINSON TIMOTHY MARK ; PAYNE JOANNA ; SWAIN LARRY D ; MANWARING MICHAEL ; SANTORA CARL JOSEPH ; MANWARING MICHAEL E ; SWAIN LARRY ; KEJSIAJ LAJSENZING INK ; KCI LICENSING INC ; KCI LICENSIG INC ; LOCKE CHRISTOPHER BRIAN ; NEWELL OPERATING CO ; WANG ZHAOHUI

Assignee(s): NEWELL OPERATING COMPANY ; KCL LICENSING INC ; KCI LICENSING INC SAN ANTONIO ; LIFECELL CORP ; KCI LICENSING INC GRANTOR AS ; WILMINGTON TRUST NATIONAL ASSOCIATION COLLATERAL A ; WILMINGTON TRUST NATIONAL ASSOCIATION COLLATERAL AGENT AS ; TECHNIMOTION LLC ; SYSTAGENIX WOUND MANAGEMENT US INC A DELAWARE GRANTOR AS CORP ; TECHNIMOTION LLC A DELAWARE LIABILITY CO GRANTOR AS LTD ; KINETIC CONCEPTS INC ; KCI USA INC ; KCI HOLDING CO INC ; KCI INT ; KCI LICENSING INC US ; KCI INT INC ; BANK OF AMERICA NA COLLATERAL AGENT AS ; CITIBANK NA ; CITIBANK NA ADMINISTRATIVE AGENT AS

Inventor(s): (std): AMBROISO ARCHEL A ; AMBROSIO ARCHEL A ; CORNET DOUGLAS A ; DZHAEB DZHONATAN POL ; DZHONSON ROJS U ; JAEB JONATHAN PAUL ; JOHNSON ROYCE ; JOHNSON ROYCE W ; HEATON KEITH P ; JONATHAN KAGAN ; KAGAN JONATHAN ; KHITON KEJT PATRIK ; KORNET DUGLAS A ; KEATON KEITH PATRICK ; KEHGAN DZHONATAN ; LOCKE CHRISTOPHER B ; LOK KRISTOFER BRAJAN ; MANWARING MICHAEL ; MEHNUORING MAJKL ; MICHAEL MANWARING ; PAYNE JOANNA ; ROBINSON TIMOTHY M ; ROBINSON TIMOTI MARK ; SUEHJN LARRI D ; SWAIN LARRY D ; ZHAOHUI WANG ; WANG ZHAOHUI ; SWAIN LARRY ; SANTORA CARL JOSEPH ; ROBINSON TIMOTY MARK ; PEHJN DZHOANNA ; PAUL JAEB JONATHAN ; PATRICK HEATON KEITH ; MEHNUEHRING MAJKL ; MARK ROBINSON TIMOTHY ; MANWARING MICHAEL E ; LONG JUSTIN ALEXANDER ; LOCKE BRIAN ; LARRY SWAIN ; JUSTIN ALEXANDER LONG ; JOSEPH SANTORA CARL ; JOANNA PAYNE ; KEHJGAN DZHONATAN ; HEATON KEITH ; CORNET DOUGLAS ;

Inventor(s): COMET DOUGLAS A ; CARL JOSEPH SANTORA ; BRIAN LOCKE CHRISTOPHER ; ARCHEL AMBROSIO ; AMBROSIO ARCHEL ; AMBROSIO ARCHEL A ; ALEXANDER LONG JUSTIN ; ROBINSON TIMOTHY MARK ; LOCKE CHRISTOPHER BRIAN ; HEATON KEITH PATRICK
 BRIAN LOCKE ; CHRISTOPHER BRIAN LOCKE ; JAEB JONATHAN PAUL BOERNE ; JONATHAN PAUL JAEB ; KEITH PATRICK HEATON ; KEITH HEATON ; LOCKE CHRISTOPHER BRIAN BOUMEMOUTH ; ROBINSON TIMOTHY MARK BASINGSTOKE ; TIMOTHY MARK ROBINSON ; SWAIN LARRY D SAN ANTONIO ; ROYCE JOHNSON ; ROYCE W JOHNSON ; ROBINSON TIMOTHY MARK BASINGSTOKE HAMPSHIRE ; PAYNE JOANNA SAN ANTONIO ; ROBINSON TIMOTHY ; MANWARING MICHAEL AND ; MANWARING MICHAEL SAN ANTONIO ; LOCKE CHRISTOPHER BRIAN BOUMEMOUTH DORSET ; KEITH PATRICK KEATON ; LARRY D SWAIN ; LOCKE CHRISTOPHER ; KAGAN JONATHAN HOPKINS ; HEATON KEITH PATRICK POOLE DORSET ; JOHNSON ROYCE W UNIVERSAL CITY ; CORNET DOUGLAS A SAN ANTONIO ; DOUGLAS A CORNET ; AMBROSIO ARCHEL A SAN ANTONIO ; ARCHEL A AMBROSIO ; ARCHEL A AMBROSIO

Agent(s): SHELSTON IP PTY LTD; SHELSTON IP; BORDEN LADNER GERVAIS LLP; OLSWANG GERMANY LLP; MILLER JAMES LIONEL WOOLVERTON ET AL; CORDINA KEVIN JOHN; MAGGS MICHAEL NORMAN ET AL; ASHTON TIMOTHY; FOX NICHOLAS RUSSELL PHILIP; IT AND T INT PATENT AND TRADEMARK AGENT LTD; IT AND T INTELLECTUAL PROPERTY; KITA AOYAMA INT PATENT BUREAU; ONE LEGAL LLC; UGUR GUERSAD YALCINER; KINETIC CONCEPTS INC ATTN LEGAL DEPARTMENT INTELLECTUAL PROPERTY; TAFT STETTINIUS AND HOLLISTER LLP; KINETIC CONCEPTS INC C O SONNENSCHN NATH AND ROSENTHAL LLP; SNR DENTON US LLP; WELCH GERALD T 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 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 RO RS RU 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

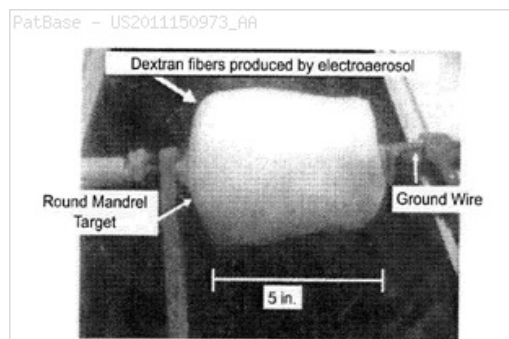
Abstract: The invention generally relates to dextran fibers which are preferably electrospun and devices formed from such fibers. In particular, such devices may include substances of interest (such as therapeutic substances) associated with the electrospun fibers. Upon exposure to a liquid the electrospun fibers dissolve immediately and the substances of interest are released into the liquid. Exemplary devices include bandages formed from electrospun dextran fibers and associated agents that promote hemostasis, such as thrombin and fibrinogen.

International (IPC 8-9): A61F A61F13/00 A61F13/02 A61K38/36
A61K38/48 A61K47/36 A61K9/00 A61K9/70 A61L A61L15/28 A61L15/32
A61L15/44 A61P7/04 D01D D01D5/00 D01D5/04 D01F D01F1/10
D01F6/92 D01F9/00 D04H1/42 D04H1/4266 D04H1/72 D04H1/728
D06M15/263 D06M15/507 D06M15/59 (Advanced/Invention);
A61F13/02 A61L15/16 D01D5/00 D01F1/10 (Core/Invention);
A61F A61L D01D D01F (Subclass/Invention)

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A61L2400/04 D01D5/0015 D01F1/10 D01F6/92 D01F9/00 C08L5/02

European: A61F13/00A6 A61F13/00B6 A61L15/28 A61L15/32 A61L15/44
D01D5/00E2 D01F1/10 D01F6/92 D01F9/00 K61F13/00L12E
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US: 1/1 424/443 424/443S 424/447 424/447P 424/94.64 424/94.640S
514/13.6 514/13.600S 514/777 514/777S



Publication number	Publication date	Application number	Application date
AU2009234203 AA	20091015	AU20090234203	20090410
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EP2276879 B1	20151125	EP20090730154	20090410
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Assignee(s): (std): SIMPSON DAVID G ; ROTHWELL STEPHEN W ; JACKSON H M FOUND MILITARY MED ; UNIV VIRGINIA COMMONWEALTH ; BOWLIN GARY L ; BOWMAN JAMES R ; HENRY M JACKSON FOUND ADVANCEMENT MILITARY MEDICINE INC ; HENRY M JACKSON FOUND FOR ADVANCEMENT OF MILITARY MEDICINE INC ; VIRGINIA COMMONWEALTH UNIVERSITY ; VIRGINIA COMMW UNIV ; UNIV VIRGINIA COMMW ; VIRGINIA COMMW UNIVST ; VIRGINIA COMMW UNIVERSITY ; VIRGINIA COMMONWEALTH UNVERSIT

Assignee(s): VIRGINIA COMMONWEALTH UNIVERSITY ; VIRGINIA COMMW UNIV RICHMOND ; HENRY M JACKSON FOUNDATION FOR ADVANCEMENT OF MILI ; UNIFORMED SERVICES UNIV OF HEALTH SCIENCES ; HENRY M JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE INC ; THE HENRY M JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE INC ; HENRY M JACKSON FOUNDATION FOR ADVANCEMENT OF MILITARY MEDICINE INC ; HENRY MJACKSON FOUNDATION FOR ADVANCEMENT OF MILITARY MEDICINE INC ; HENRY M JACKSON FOUNDATION FOR ADVANCEMENT OF MILITARY MEDICINE INC ROCKVILLE

Inventor(s): STEPHEN W ROTHWELL ; ROTHWELL STEPHEN W COLUMBIA ; DAVID G SIMPSON ; GARY L BOWLIN ; JAMES R BOWMAN

Agent(s): FB RICE; FB RICE PTY LTD; MACPHERSON LESLIE AND TYERMAN LLP; MLT AIKINS LLP; OFFICE FREYLINGER SA; HUTCHINS MICHAEL RICHARD; DOWNING MICHAEL PHILIP; ZHONGZI IP; LUZZATTO AND LUZZATTO; FISH AND RICHARDSON PC; WHITHAM MICHAEL E 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

Title: HEMOSTATIC SPONGE**Abstract:** The present invention provides a hemostatic porous sponge comprising a matrix of a fibrous biomaterial and particles of a fluid absorbing, particulate material adhered to said matrix material, a method of producing these sponges and their use for wound healing.**Classifications:****International (IPC 8-9):** A61F13/00 A61F13/36 A61L A61L15/16 A61L15/24 A61L15/26 A61L15/32 A61L15/42 A61L15/44

A61L15/58 A61L15/64 A61L26/00 B29C44/04 (Advanced/Invention);

A61L (Subclass/Invention)

CPC: A61L15/425 A61L15/26 A61L15/32 A61L15/325 A61L15/44 A61L15/58 A61L15/64 A61L2300/418 A61L2400/04 A61L26/00**European:** A61L15/32 A61L15/32A A61L15/42E A61L15/58 K61L400/04**US:** 1/1 264/45.3 264/45.300S 424/443 424/444 514/13.5 514/13.6 604/365 604/365P**Family:**

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AU2010262058 AA	20101223	AU20100262058	20100616
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Priority:

US20090187576P 20090616 EP20100737484 20100616 US20100816645 20100616

WO2010EP03623 20100616 US20140479649 20140908

Probable Assignee: BAXTER HEALTHCARE SA**Assignee(s):** (std): BAXTER HEALTHCARE CORP ; BAXTER HEALTHCARE SA ; BAXTER INT ; HEDRICH HANS CHRISTIAN ; HOFINGHOFF JORIS**Assignee(s):** BAXTER INTERNATIONAL INCORPORATED ; BAXTER INT INCORPORATED ; BAXTER INT INC DEERFIELD ; BAXTER INT INC ; BAXTER INTERNATIONAL INC ; BAXTER HEALTHCARE GLATTPARK SA ; BAXTER HEALTHCARE S A**Inventor(s):** (std): HEDRICH HANS CHRISTIAN ; HOFINGHOFF JORIS ; JORIS HOFINGHOFF ; CHRISTIAN HEDRICH HANS ; HANS CHRISTIAN HEDRICH ; HEDRICH HANS**Agent(s):** CULLENS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; SPRUSON AND FERGUSON; SIM AND MCBURNEY; AIRD AND BERLIS IP PARTNERSHIP LTD; AIRD AND MCBURNEY LP; LUZ CLEMENCIA DE PAEZ; HOFFMANN EITLE PATENT U RECHTSANWAELTE PARTMBB; SONN AND PARTNER PATENTANWAELTE; AZNAREZ PABLO; REINHOLD COHN AND PARTNERS; TOWNSEND AND TOWNSEND AND CREW LLP; KILPATRICK TOWNSEND AND STOCKTON LLP**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 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 RO RS RU 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

Title: HEMOSTATIC DEVICES

Abstract: Hemostatic devices for promoting blood clotting can include a substrate (e.g., gauze, textile, sponge, sponge matrix, one or more fibers, etc.), a hemostatic material disposed thereon such as kaolin clay, and a binder material such as crosslinked calcium alginate with a high guluronate monomer molar percentage disposed on the substrate to substantially retain the hemostatic material material. When the device is used to treat a bleeding wound, at least a portion of the clay material comes into contact with blood to accelerate clotting. Moreover, when exposed to blood, the binder has low solubility and retains a majority of the clay material on the gauze. A bandage that can be applied to a bleeding wound to promote blood clotting includes a flexible substrate and a gauze substrate mounted thereon.

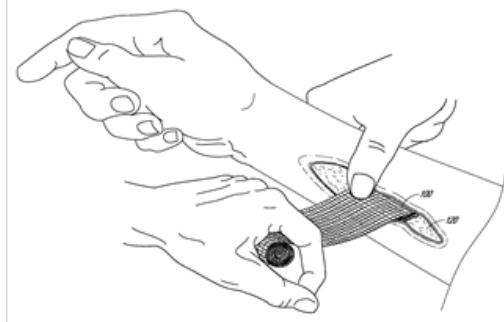
Classifications:

International (IPC 8-9): A61F13/02 A61K33/34 A61K33/38 A61K45/00 A61L A61L15/16 A61L15/18 A61L15/24 A61L15/26 A61L15/28 A61L15/42 A61L15/44 A61L15/46 A61L2/00 C08L5/04 (Advanced/Invention); A61L (Subclass/Invention)

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US: 1/1 424/446 424/447 424/486 424/684 427/2.31

PatBase - US2013344131_AA

**Family:**

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: Z MEDICA LLC

Assignee(s): (std): Z MEDICA LLC ; MEDICA LLC Z ; ZET MEDIKA LLK

Assignee(s): TWIN BROOK CAPITAL PARTNERS LLC AGENT AS ; Z MEDICA LLC WALLINGFORD ; Z MEDICA LLC4
FAIRFIELD BOULEVARDWALLINGFORDCT06492US ; ABACUS FINANCE GROUP LLC AGENT AS ; DUBEY DINA
; LO DENNY ; MADISON CAPITAL FUNDING LLC AGENT AS

Inventor(s): (std): DINA DUBEY ; DUBEY DINA D ; LO DENNY D ; LO DENNY ; DUBEY DINA ; DENNY LO

Inventor(s): LO DENNY WALLINGFORD ; LO DENNYUS ; DUBEY DINA WALLINGFORD ; DUBEY DINAUS

Agent(s): CULLENS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; SPRUSON AND FERGUSON; SIM AND
MCBURNEY; AIRD AND BERLIS IP PARTNERSHIP LTD; ANWALTSKANZLEI MEISSNER AND MEISSNER; BATES
PHILIP IAN; SHUN SHUN CHAN; SANFORD TCOLB AND CO; TUGBA DERYA YILMAZ; KNOBBE MARTENS
OLSON AND BEAR LLP; ALTMAN DANIEL E

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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SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SKIN SUBSTITUTE AND WOUND DRESSING WITH VARIABLE PORE SIZES

Abstract: An improved skin substitute is presented comprised of a silicone layer backed up with a woven nylon fabric layer, the silicone layer possessing a regular pattern of slits that permit the porosity of the skin substitute to be adjusted by clinicians by means of applying tension to the skin substitute that differentially opens the slits. A variety of therapeutic substances can be applied to the skin substitute to promote healing, including aloe and other medicinal preparations.

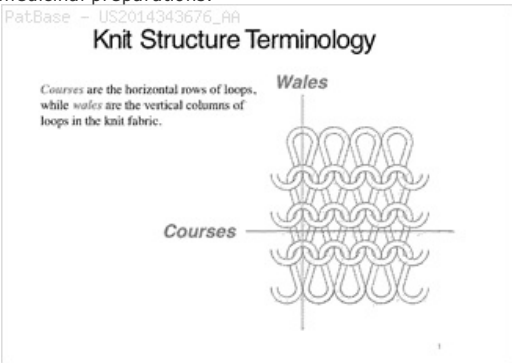
Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61F2/00 A61F2/10 A61K31/35 A61K31/355 A61K31/375 A61K35/33 A61K36/886 A61K38/39 A61L15/18 A61L15/22 A61L15/26 A61L15/32 A61L15/40 A61L15/42 A61L15/44 A61L26/00 A61L27/34 A61L27/40 A61L27/54 A61L27/56 A61L27/60 A61L31/02 A61L31/04 A61L31/06 A61L31/14 A61L31/16 A61P17/02 B26D1/62 B26F1/20 D04B1/10 D04B1/16 (Advanced/Invention); C08L83/04 (Advanced/Non-invention)

CPC: A61F13/00038 A61F13/02 B26D1/626 A61F13/0276 A61L15/40 B26D1/405 B26D11/00 A61F13/00021 Y10T83/0481 Y10T83/4798 A61L15/325 B26F1/20 B26D7/2628 B26D7/265 A61F2/0063 A61L2300/252 A61F2013/00157 A61F2013/00238 A61F2210/0057 A61F2210/0076 A61F2250/0067 A61L15/32 A61F13/00042 A61F2013/00251 A61F13/00046 A61F13/00017 A61F13/00029 A61F13/00068 A61F2/0077 A61K31/35 A61F2002/0068 A61F2002/009 A61L15/18 A61F13/00063 A61F13/00008 A61F13/00034 A61L15/26 A61L15/425 A61L15/44 A61L26/0019 A61L26/0066 A61L26/0085 A61L27/34 A61L27/54 A61L27/56 A61L27/60 A61L2300/30 A61L2300/406 C08L83/04 D04B1/104 D04B1/16 D10B2403/0112 D10B2509/022 A61L27/18 C08L77/00 A61L31/028 A61L31/048 A61L31/146 A61L31/06 A61L31/16 D10B2509/08

US: 1/1 424/443 424/445 424/447 602/42 602/44 602/47 602/48 623/15.11 623/15.12 83/30 83/332 D15/139

Locarno class: 15/09



Family:

Publication number	Publication date	Application number	Application date
CA2902382 AA	20150824	CA20142902382	20140305
CA2902387 AA	20150824	CA20142902387	20140305
US2014343676 AA	20141120	US20130897430	20130519
US2015165636 AA	20150618	US20140524752	20141027
US2015202343 AA	20150723	US20140159332	20140120
US2015223989 AA	20150813	US20150696433	20150425
US2016262941 AA	20160915	US20160988705	20160105
US2016346133 AA	20161201	US20160089588	20160404
US2017014273 AA	20170119	US20160227079	20160803
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US2017281326 AA	20171005	US20170451078	20170306
US2018250114 AA	20180906	US20170469891	20170327
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WO16067104 A2	20160506	WO2015IB02210	20151022
WO16067104 A3	20161117	WO2015IB02210	20151022

Priority:

US20130773707P	20130306	US20130897430	20130519	US20140159332	20140120
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Probable Assignee: PERMEADERM INC

Assignee(s): (std): AWOD INC ; AWOD INC A CALIFORNIA CORP ; MARTIN LIPTON LAVERNE ; WOODROOF AUBREY ; WOODROOF E AUBREY ; PERMEADERM INC A CALIFORNIA CORP ; UNIV ROCHESTER ; PERMEADERM INC ; PHIPPS RICHARD P ; WOELLER COLLYN F ; WOODROOF ERNEST AUBREY

Assignee(s): UNIV OF ROCHESTER ; OF ROCHESTER UNIV

Inventor(s): (std): MARTIN LIPTON LAVERNE ; PHIPPS RICHARD P ; PHIPPS RICHARD R ; WOELLER COLLYN F ; WOODROOF AUBREY ; WOODROOF ERNEST AUBREY ; WOODROOF E AUBREY

Inventor(s): WOODROOF E

Agent(s): MARKS AND CLERK; STEVEN W; WEBB STEVEN W

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 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

Title: PHARMACEUTICAL PREPARATION AND METHOD OF ITS PRODUCTION AND USE

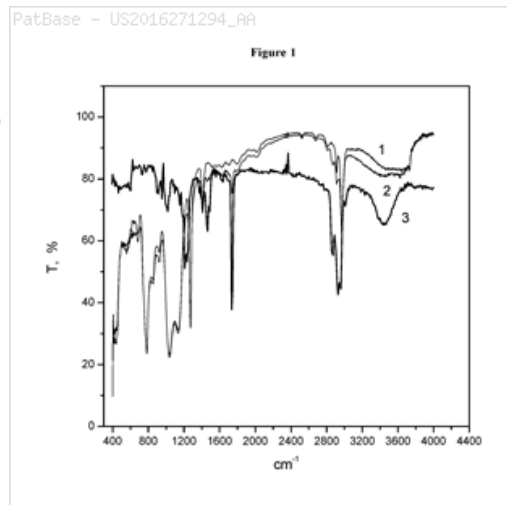
Abstract: Thus, the present invention provides a composition in powder form comprising highly dispersed silica particles, polymethylsiloxane particles, and at one or both of a cationic surfactant and an antimicrobial substance, wherein at least 25 percent by weight of the cationic surfactant is present in primary polymethylsiloxane particles carrying the cationic surfactant on their surface and/or in agglomerates of these primary particles, and/or at least 25 percent by weight, of the antimicrobial substance is present in primary highly dispersed silica particles carrying the antimicrobial substance on their surface and/or in agglomerates of these primary particles.

Classifications:

International (IPC 8-9): A61K A61K31/167 A61K31/205 A61K31/5415 A61K31/695 A61K31/80 A61K33/08 A61K38/46 A61K38/48 A61K45/00 A61K45/06 A61K8/25 A61K9/00 A61K9/14 A61K9/16 A61L15/18 A61L15/22 A61L15/26 A61L15/28 A61L15/32 A61L15/44 A61L15/60 A61L26/00 A61P1/00 A61P1/02 A61P1/04 A61P1/12 A61P1/18 A61P11/00 A61P11/04 A61P13/00 A61P13/02 A61P13/10 A61P15/00 A61P15/02 A61P17/00 A61P17/02 A61P17/14 A61P17/16 A61P19/08 A61P29/00 A61P31/00 A61P31/04 A61P31/10 A61P31/12 A61P33/00 C08G77/04 C08G77/06 (Advanced/Invention)

CPC: A61K9/0014 A61K9/145 A61K31/167 A61K31/5415 A61K9/146 A61L15/44 A61L26/0019 A61L26/0066 A61L26/0052 A61L26/0038 A61L26/0023 A61L26/008 A61L15/18 A61L15/225 A61L15/28 A61L15/32 A61L15/26 A61L15/60 A61L2300/404 A61L2300/412 A61L2430/34 A61L2420/06 A61L2400/04 A61L2300/606 A61L2300/62 A61L2300/406 A61L2300/402 A61L2300/45 C08G77/06 C08G77/04 A61K45/06 A61K38/48 A61K9/1641 A61K9/1611 A61K9/143 A61L26/0004

US: 424/445



Family:

Publication number	Publication date	Application number	Application date
AR098333 AA	20160526	AR2014P104181	20141106
AU2014345638 AA	20150514	AU20140345638	20141104
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CA2928438 AA	20160413	CA20142928438	20141104
CA2966089 AA	20170427	CA20152966089	20151104
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CN105979933 A	20160928	CN201480072167	20141104
CO16122640 A2	20161230	CO20160122640	20160511
EP3065708 A1	20160914	EP20140796025	20141104
EP3215129 A2	20170913	EP20150788444	20151104
JP2016535790 A2	20161117	JP20160552677	20141104
JP2016535790 T2	20161117	JP20160552677T	20141104
KR20160077203 A	20160701	KR20167014777	20141104
MX2016005963 A1	20160929	MX20160005963	20141104
PH2016500855 A	20160620	PH20160500855	20160506
US2016271294 AA	20160922	US20140034615	20141104
US2017312221 AA	20171102	US20150523872	20151104
UY35824 A1	20150529	UY20140035824	20141106
WO15067603 A1	20150514	WO2014EP73698	20141104
WO16071405 A2	20160512	WO2015EP75724	20151104
WO16071405 A3	20160623	WO2015EP75724	20151104
ZA201603336 A	20180228	ZA20160003336	20160517

Priority:

EP20130191810 20131106 EP20140796025 20141104 WO2014EP73698 20141104
WO2015EP75724 20151104

Probable Assignee: INVENRES GMBH

Assignee(s): (std): INVENRES GMBH ; IGOR GERASHCHENKO MR ; OLEKSII CHEPLIAKA MR ; IGOR GERASHCHENKO ; OLEKSII CHEPLIAKA ; CHEPLIAKA OLEKSII ; GERASHCHENKO IGOR ; NVENRES GMBH

Assignee(s): CHEPLIAKA MR OLEKSII ; GERASHCHENKO MR IGOR ; TAUSCH ANDREAS

Inventor(s): (std): CHEPLIAKA OLEKSII ; GERASHCHENKO IGOR ; IGOR GERASHCHENKO ; OLEKSII CHEPLIAKA ; TAUSCH ANDREAS ; OLEKSII CHEPLIAKA MR ; IGOR GERASHCHENKO MR

Inventor(s): GERASHCHENKO MR IGOR ; CHEPLIAKA MR OLEKSII

Agent(s): GRIFFITH HACK; GOUDREAU GAGE DUBUC; LAVERY DE BILLY LLP; JAIME EDUARDO DELGADO VILLEGAS; VOSSIUS AND PARTNER PATENTANWALTE RECHTSANWALTE MBB; YAMAMOTO OSAMU; TAKEUCHI SHIGEO; ONO SHINJIRO; KOBAYASHI YASUSHI; VOSSIUS AND PARTNER

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

Title: A READY TO USE BIODEGRADABLE AND BIOCOMPATIBLE DEVICE AND A METHOD OF PREPARATION THEREOF

Abstract: The invention provides a ready to use biodegradable and biocompatible device and a method for manufacturing thereof. The device of present invention is a novel porous scaffold which can be used as carrier of plurality of therapeutics to quickly stop bleeding and other biomaterial and biomedical application. The scaffold can be directly applied to the spot of the wound and will stop bleeding within no time. The scaffold of the present invention comprises of combined application of air dry and freeze dry method. The scaffold also comprises of excellent ventilations properties and easy removal of the scaffold without causing any extra hemorrhage to the wound.

Classifications:

International (IPC 8-9): A61B A61F13/00 A61K9/00 A61L15/14

A61L15/22 A61L15/28 A61L15/32 A61L15/42 A61L15/44

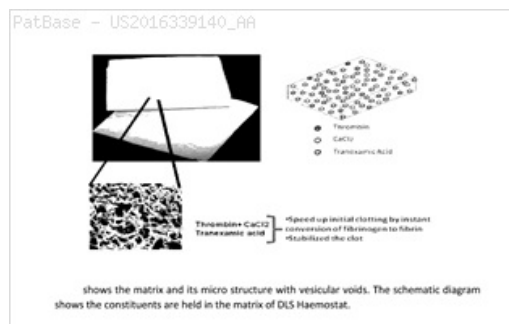
A61L15/64 (Advanced/Invention);

A61B A61F A61L (Subclass/Invention)

CPC: A61L15/225 A61L15/32 A61L15/28 A61L2300/418 A61L2400/04

A61L15/425 A61F13/00063 A61L15/44 A61L15/64 A61L15/14

US: 424/445 424/530 435/395 514/16.5



Family:

Publication number	Publication date	Application number	Application date
EP3122300 A1	20170201	EP20140887145	20140821
EP3122300 A4	20171227	EP20140887145	20140821
GB201609928 A0	20160720	GB20160009928	20140821
GB2535117 A1	20160810	GB20160009928	20140821
HK1222345 A1	20170630	HK20160110553	20160905
IN00838DE2014 A	20151002	IN2014DE00838	20140324
US2016339140 AA	20161124	US20140441125	20140821
US10124084 BB	20181113	US20140441125	20140821
WO15145457 A1	20151001	WO2014IN00536	20140821

Priority:

IN2014DE00838 20140324 WO2014IN00536 20140821

Probable Assignee: DATT LIFE SCIENCES PRIVATE LTD

Assignee(s): (std): DATT LIFE SCIENCES PRIVATE LTD ; DATT MEDIPRODUCTS LTD

Inventor(s): (std): DATT RAJAN ; KUMAR RAMADHAR ; SHRIVASTAVA PALLAVI ; RAMADHAR KUMAR ; RAJAN DATT ; PALLAVI SHRIVASTAVA ; KUMAR RAMADHAR DR ; DATT RAJAN DR

Inventor(s): DR KUMAR RAMADHAR ; DR DATT RAJAN

Agent(s): HGF LTD; ALLEN DYER DOPPELT AND GILCHRIST PA; HARINDER NARVAN

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

Title: HEMOSTATIC POWDERS WITH SELF-ASSEMBLING PEPTIDE HYDROGELS

Abstract: Hemostatic powders are synergistically used in conjunction with self-assembling peptide hydrogels to promote hemostasis at a target site. Related methods, kits, and devices for hemostasis are disclosed.

Classifications:

International (IPC 8-9): A61L15/26 A61L15/28 A61L15/32 A61L15/42

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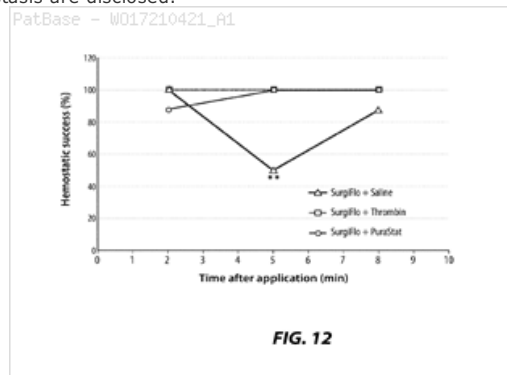
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CPC: A61L26/0019 A61L15/26 A61L15/28 A61L15/32 A61L15/425

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A61L24/104 A61L26/0023 A61L26/0033 A61L26/0038 A61L26/0066

A61L2300/25 A61L2300/418 A61L2400/04 A61L2400/06



Family:

Publication number	Publication date	Application number	Application date
WO17210421 A1	20171207	WO2017US35431	20170601

Priority:

US20160344181P 20160601

Probable Assignee: 3 D MATRIX LTD

Assignee(s): (std): 3 D MATRIX LTD ; ALEKSI ELTON ; GIL EUN SEOK

Inventor(s): (std): ALEKSI ELTON ; GIL EUN SEOK ; RIOULT MARC

Agent(s): LANDO PETER C

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 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

Title: HEMOACTIVE COMPOSITIONS AND METHODS FOR THEIR MANUFACTURE AND USE

Abstract: Dried hemoactive materials comprise both a cross-linked biologically compatible polymer and a non-cross-linked biologically compatible polymer. The cross-linked polymer is selected to form a hydrogel when exposed to blood. The non-cross-linked polymer is chosen to solubilize relatively rapidly when exposed to blood. The non-cross-linked polymer serves as a binder for holding the materials in desired geometries, such as sheets, pellets, plugs, or the like. Usually, the cross-linked polymer will be present in a particulate or fragmented form. The materials are particularly suitable for hemostasis and drug delivery.

Classifications:

International (IPC 8-9): A01K1/015 A01N43/04 A61B17/12 A61B17/58 A61F A61F13/00 A61F2/00 A61F2/02 A61F2/28 A61K A61K13/00 A61K31/74 A61K31/785 A61K35/14 A61K38/00 A61K38/16 A61K38/17 A61K38/39 A61K38/43 A61K38/48 A61K45/00 A61K47/10 A61K47/22 A61K47/32 A61K47/34 A61K47/36 A61K47/38 A61K47/42 A61K9/00 A61K9/06 A61K9/14 A61K9/16 A61K9/36 A61K9/40 A61K9/50 A61L15/16 A61L15/32 A61L15/44 A61L24/00 A61L24/10 A61L26/00 A61L27/00 A61L27/52 A61L27/54 A61L31/00 A61L31/14 A61L31/16 A61L33/00 A61M5/00 A61M5/178 A61P17/02 A61P41/00 A61P7/04 C07K1/00 C07K14/47 C07K14/75 C07K14/76 C07K14/78 C07K14/805 C08J3/075 C08J3/24 C08K5/053 C08K5/07 C08L1/00 C08L101/00 C08L101/14 C08L101/16 C08L3/00 C08L5/00 C08L89/00

C09H9/00 (Advanced/Invention);

A01K1/015 A61B19/02 A61F2/00 A61F2/44 A61G13/00 A61K38/00 A61K38/48 A61K47/42 A61K9/00 A61K9/14 A61K9/16 A61K9/44 A61L27/00 A61L31/00 A61M5/00 A61M5/178 A61P41/00 C08L1/00 C08L101/00 C08L3/00 C08L5/00 C08L89/00 (Advanced/Non-invention);

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C09H9/00 (Core/Invention);

A61K38/00 A61K9/16 (Core/Non-invention);

A61F A61K A61L (Subclass/Invention);

A61K (Subclass/Non-invention)

International (IPC 1-7): A01K1/015 A01N25/34 A01N43/04 A61F13/00 A61F2/00 A61F2/02 A61K31/715 A61K31/74 A61K35/14 A61K38/00 A61K38/16 A61K38/17 A61K38/39 A61K38/48 A61K47/32 A61K47/42 A61K9/00 A61K9/14 A61K9/36 A61K9/40 A61K9/50 A61L15/16 A61L17/00 A61L24/00 A61L24/10 A61L27/00 A61L27/00 A61L27/52 A61L31/00 A61L31/00 A61L33/00 A61M5/00 A61P17/02 A61P17/02 A61P41/00 A61P7/04 C07K1/00 C07K14/00 C07K16/00 C07K17/00 C08H1/00 C08H1/06 C08J3/075 C08L1/00 C08L101/16 C08L3/00 C08L5/00 C08L89/00 C09H1/00 C09H3/00 C09H3/02 C09H9/00

CPC: A61L24/043 A61K38/4833 A61L24/104 Y10S435/81 Y10S514/944

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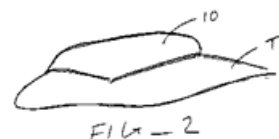
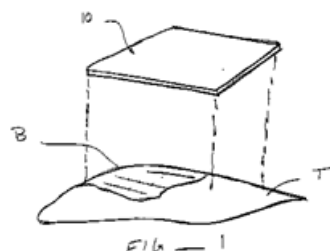
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Family:

Publication number	Publication date	Application number	Application date
AT358455 E	20070415	AT20020744588T	20020621
AT415136 E	20081215	AT20020005206T	20020621
AU199742412 A1	19980319	AU19970042412	19970814
AU2002345846 AA	20030303	AU20020345846	20020621
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AU719534 B2	20000511	AU19970042412	19970814
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CN101284146 B	20130508	CN200810108138	20020621
CN1555249 A	20041215	CN20028018207	20020621
DE60219319 D1	20070516	DE20026019319	20020621

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DE60219319 T2	20080103	DE20026019319T	20020621
DE60230079 D1	20090108	DE20026030079	20020621
DE69720479 D1	20030508	DE19976020479	19970814
DE69720479 T2	20040304	DE19976020479T	19970814
DK1414370 T3	20070430	DK20020744588T	20020621
DK1803417 T3	20090316	DK20020005206T	20020621
EP0927053 A1	19990707	EP19970940692	19970814
EP0927053 B1	20030402	EP19970940692	19970814
EP1185288 A1	20020313	EP20000942742	20000609
EP1185288 A4	20090318	EP20000942742	20000609
EP1185288 B1	20180110	EP20000942742	20000609
EP1414370 A1	20040506	EP20020744588	20020621
EP1414370 A4	20051109	EP20020744588	20020621
EP1414370 B1	20070404	EP20020744588	20020621
EP1803417 A1	20070704	EP20070005206	20020621
EP1803417 B1	20081126	EP20070005206	20020621
ES2284883 T3	20071116	ES20020744588T	20020621
ES2317600 T3	20090416	ES20070005206T	20020621
ES2662195 T3	20180405	ES20000942742T	20000609
HK1060277 A1	20040806	HK20040103248	20040510
HK1060277 A1	20070608	HK20040103248	20040510
HK1060277 A3	20040806	HK20040103248	20040510
HK1060277 B	20070608	HK20040103248	20040510
HK1103342 A1	20071221	HK20070110882	20071009
HK1103342 A1	20090605	HK20070110882	20071009
HK1103342 A3	20071221	HK20070110882	20071009
HK1103342 B	20090605	HK20070110882	20071009
IL128496 A0	20000131	IL19970128496	19970814
IL128496 A1	20040620	IL19970128496	19970814
JP2002515086 T2	20020521	JP19980511970T	19970814
JP2003501215 T2	20030114	JP20010502866T	20000609
JP2005500102 T2	20050106	JP20030513454T	20020621
JP2006231090 A2	20060907	JP20060157904	20060606
JP2009256391 A2	20091105	JP20090187571	20090812
JP2010148922 A2	20100708	JP20100068924	20100324
JP2011046749 A2	20110310	JP20100274135	20101208
JP4316374 B2	20090819	JP20030513454T	20020621
JP4418535 B2	20100217	JP19980511970T	19970814
JP4842713 B2	20111221	JP20060157904	20060606
JP4843079 B2	20111221	JP20090187571	20090812
JP5232347 B2	20130710	JP20010502866T	20000609
KR100904582 B1	20090625	KR20047000565	20020621
KR20040025698 A	20040324	KR20047000565	20020621
MXPA04000514 A1	20050307	MX2004PA00514	20020621
PT1414370 T	20070531	PT20020744588T	20020621
PT1803417 T	20081231	PT20070005206T	20020621
RU2207882 C2	20030710	RU19990106523	19970814
RU99106523 A	20010110	RU19990106523	19970814
US2002042378 AA	20020411	US19990330315	19990610
US2002193448 AA	20021219	US20000553969	20000421
US2003064109 AA	20030403	US20010908464	20010717
US2004214770 AA	20041028	US20040761922	20040120
US2007248685 AA	20071025	US20070766516	20070621
US2008085316 AA	20080410	US20070859312	20070921
US2008286376 AA	20081120	US20080176945	20080721
US2009227779 AA	20090910	US20090468316	20090519
US2011223231 AA	20110915	US20110114784	20110524
US2012134980 AA	20120531	US20110174963	20110701
US2013108611 AA	20130502	US20120665475	20121031
US2013204192 AA	20130808	US20130744949	20130118
US2014086898 AA	20140327	US20130970353	20130819
US2014120078 AA	20140501	US20130101192	20131209
US6063061 A	20000516	US19970903674	19970731
US6066325 A	20000523	US19980032370	19980227
US6706690 BB	20040316	US19990330315	19990610
US7320962 BB	20080122	US20040761922	20040120
US7435425 BB	20081014	US20010908464	20010717
US7547446 BB	20090616	US20070766516	20070621
US7871637 BB	20110118	US20070859312	20070921
US8092820 BB	20120110	US20090468316	20090519
US8303981 BB	20121106	US20110174963	20110701
US8357378 BB	20130122	US20110114784	20110524
US8383141 BB	20130226	US20080176945	20080721
US8512729 BB	20130820	US20120665475	20121031
US8603511 BB	20131210	US20130744949	20130118

WO0076533 A1	20001221	WO2000US15998	20000609
WO03007845 A1	20030130	WO2002US20022	20020621
WO03007845 C2	20040401	WO2002US20022	20020621
WO9808550 A1	19980305	WO1997US15262	19970814

Priority:

US19960704852	19960827	US19970050437P	19970618	US19970903674	19970731
JP19980511970	19970814	JP19980511970T	19970814	JP20090187571	19970814
WO1997US15262	19970814	US19980032370	19980227	US19990330315	19990610
US20000553969	20000421	EP20000942742	20000609	JP20010502866	20000609
JP20010502866T	20000609	WO2000US15998	20000609	US20010908464	20010717
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US20040761922	20040120	US20070766516	20070621	US20070859312	20070921
US20080176945	20080721	US20090468316	20090519	US20110114784	20110524
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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Title: METHOD FOR CAUSING LOCAL HEMOSTASIS AND HEMOSTATIC COMPOSITION FOR LOCAL HEMOSTASIS

Abstract: Method for arresting local bleedings by topical use of FVIIa and a hemostatic composition containing FVIIa.

Classifications:

International (IPC 8-9): A61K35/14 A61K35/16 A61K38/00 A61K38/16 A61K38/43 A61K38/46 A61K38/48 A61K38/55 A61K47/02 A61K47/10 A61K47/18 A61K47/26 A61K47/30 A61K47/36 A61K47/42 A61K47/48 A61K9/06 A61K9/70 A61L15/32 A61L15/44 A61L24/00 A61L24/10 A61L26/00 A61P7/04 C12N9/00 C12N9/64 (Advanced/Invention); A61K38/00 A61K38/43 A61K38/48 A61K38/55 A61K47/30 (Advanced/Non-invention); A61K35/16 A61K38/00 A61K38/43 A61K47/02 A61K47/10 A61K47/16 A61K47/26 A61K47/36 A61K47/42 A61L15/16 A61L24/00 A61L26/00 A61P7/00 C12N9/00 C12N9/64 (Core/Invention); A61K38/00 (Core/Non-invention); A61K C12N (Subclass/Invention)

International (IPC 1-7): A61K35/14 A61K35/16 A61K37/02 A61K37/475 A61K37/48 A61K37/547 A61K38/36 A61K38/43 A61K38/46 A61K38/48 A61K38/55 A61K47/00 A61K47/10 A61K47/18 A61K47/26 A61K47/30 A61K47/36 A61K47/42 A61K47/48 A61K9/06 A61K9/70 A61L15/00 A61L15/44 C07K15/06 C12N9/00 C12N9/64

CPC: Y10S514/802 A61L15/32 A61L15/44 A61L24/0015 A61L26/0047 A61L26/0066 A61L2300/254 A61L2300/418 A61L24/108 A61K9/0019 A61K38/4846 A61K47/02 A61K47/10 A61K47/183 A61K47/26 A61K47/36 A61K47/42 A61L2400/04 Y10T442/2525

European: A61K38/48K21 A61K47/02 A61K47/10 A61K47/18B A61K47/26 A61K47/36 A61K47/42 A61K9/00M5 A61L15/32 A61L15/44 A61L24/00H2 A61L24/10R A61L26/00B6R A61L26/00H2 K61K38/00 K61L300/254 K61L300/418 K61L400/04 K61L400/14

US: 424/445 424/445P 424/94.64 442/123 442/123S 514/12 514/13.5 514/13.7 514/13.700S 514/14.3 514/14.300S 514/17.2 514/17.200S 514/2 514/20.3 514/20.300S 514/21 514/802 514/9.4 514/9.400S 530/381 530/384

Family:

Publication number	Publication date	Application number	Application date
AT66374 E	19910915	AT19860309197T	19861125
AU198665670 A1	19870528	AU19860065670	19861125
AU199227932 A1	19930503	AU19920027932	19921009
AU593042 B2	19900201	AU19860065670	19861125
CA1281647 A1	19910319	CA19860523778	19861125
CA2121028 AA	19940411	CA19922121028	19921009
CZ9400831 A3	19941116	CS19920083194	19921009
DE3680994 D1	19910926	DE19863680994	19861125
DK156699 B	19890925	DK19860005638	19861125
DK156699 C	19900305	DK19860005638	19861125
DK459286 A0	19860926	DK19860004592	19860926
DK544685 A0	19851126	DK19850005446	19851126
DK563886 A	19870527	DK19860005638	19861125
DK563886 A0	19861125	DK19860005638	19861125
EP0225160 A2	19870610	EP19860309197	19861125
EP0225160 A3	19880330	EP19860309197	19861125
EP0225160 B1	19910821	EP19860309197	19861125
EP0613377 A1	19940907	EP19920922509	19921009
ES2037664 T3	19930701	ES19860309197T	19861125
FI941628 A	19940608	FI19940001628	19940408
FI941628 A0	19940408	FI19940001628	19940408
GR3002672 T3	19930125	GR19910401283T	19910910
HU67693 A2	19950428	HU19940001008	19921009
HU9401008 A0	19940728	HU19940001008	19921009
JP2043353 C3	19960409	JP19860278887	19861125
JP62195335 A2	19870828	JP19860278887	19861125
JP7080783 B4	19950830	JP19860278887	19861125
JP7500095 T2	19950105	JP19930506562T	19921009
KR19940702738 A	19940917	KR19940701177	19940411
KR19947002738 A	19940917	KR19947001177	19921009
NO941285 A	19940607	NO19940001285	19940408
NO941285 A0	19940408	NO19940001285	19940408
US2002192271 AA	20021219	US20020224717	20020813
US5180583 A	19930119	US19910666423	19910308
WO9306855 A1	19930415	WO1992DK00296	19921009

Priority:

DK19850005446 19851126	DK19850004592 19860926	DK19860004592 19860926
US19860933408 19861120	CA19860523778 19861125	DK19860005638 19861125
EP19860309197 19861125	US19890368967 19890619	US19910666423 19910308
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PatBase - 197050783 E1

APS投与前後の血小板因子を投与(100μg/kg体重)した場合の出血のウサギにおける出血-A及び出血-Bにおける3つの機能的な平均値が与えられる。結果は血小板因子を投与(100μg/kg体重)の投与量で与えた後の血小板減少症ウサギにおいて得られた値である。

ウサギ番号	投与前	APS投与後 15分	APS投与後30分後 (100μg/kg体重)	APS投与後60分後 (100μg/kg体重)	APS投与後90分後 (100μg/kg体重)
出血-A(秒)					
1	42(77)	131(225)	89(288)	111(144)	—
2	68(57)	483(222)	104(250)	153(87)	86
3	90(75)	206(703)	81(717)	119(68)	219
4	61	179	77	96	72
5	53	279	95	95	119
平均	65(70)	256(403)	89(420)	106(364)	102
出血-B					
1	277(176)	719(580)	485(900)	253(411)	—
2	164(321)	483(788)	357(812)	187(667)	236
3	254(230)	584(899)	274(900)	288(309)	343
4	213	589	551	155	329
5	376	590	285	361	487
平均	257(242)	591(749)	360(871)	255(636)	299
血小板数×10 ⁹ /ℓ					
平均	229(193)	2(6)	2(8)	6(25)	19
範囲	243-214 (93-283)	0-8(2-9)	1-2(2-12)	5-10(18-28)	7-12

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Designated states: AT AU BE BG BR CA CH CS DE DK ES FI FR GB GR HU IE IT JP KP KR LI LU MC NL NO PL RO RU SE

Title: DEVICE, METHOD, AND USE FOR TREATMENT OF NEUROPATHY INVOLVING NITRIC OXIDE

Abstract: A device is provided that allows for target treatment of neuropathy, such as diabetic peripheral neuropathy, or neuropathy and ulcers resulting from said neuropathy. The device comprises a nitric oxide (NO) eluting polymer arranged to contact a treatment area, such that a therapeutic dose of nitric oxide is eluted from said nitric oxide eluting polymer to said area. The nitric oxide (NO) eluting polymer is integrated with a carrier material, such that the carrier material, in use, regulates and controls the elution of the therapeutic dosage of nitric oxide (NO). Furthermore, a corresponding manufacturing method for the device is disclosed.

Classifications:

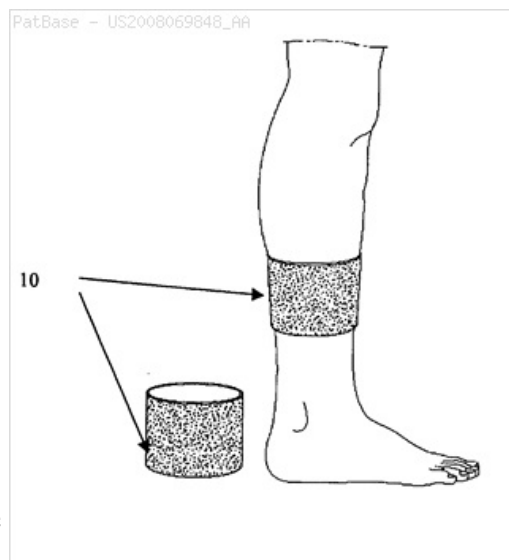
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International (IPC 1-7): A61K9/50 A61L15/44 A61L27/54 F02B47/08 F16K27/02

CPC: A61K9/7007 A61K9/5057 A61K9/5078 A61K9/5084 A61K9/70 A61K9/7023 A61K33/00 A61F13/064 A61F13/068 A61F13/10 A61F13/105 A61L15/26 A61L2300/404 C01B21/24 A61K31/04 A61K31/155 A61K31/16 A61L26/0066 A61L2300/104 A61L2300/402 A61L2300/41 A61L2300/45 A61L29/148 A61L33/0005 A61L15/46 A61L29/085 A61L31/10 A61L31/16 A61L2300/622 A61L2300/624 A61K8/046 A61K8/042 A61K8/04 A61K8/0208 A61K8/84 A61K2800/54 A61L15/44 A61L2300/114 A61L2300/602 A61Q19/06 A61Q19/08 A61K8/19 A61Q19/00 A61K31/785 A61K31/74 A61L27/34 A61L27/54 A61L29/16

European: A61F13/10 A61F13/10H2 A61K31/04 A61K31/155 A61K31/16 A61K31/74 A61K31/785 A61K33/00 A61K8/02 A61K8/02C A61K8/19 A61K8/84 A61K9/50H6H2 A61K9/70 A61K9/70B A61K9/70E A61L15/26 A61L15/44 A61L15/46 A61L26/00H2 A61L27/34 A61L27/54 A61L29/08B A61L29/14K A61L29/16 A61L31/10 A61L31/16 A61L33/00H A61Q19/00 A61Q19/06 A61Q19/08 C01B21/24 K61F13/06D K61F13/06D8 K61F13/10H2 K61K201/10 K61K201/30 K61K800/54 K61K9/50K2 K61K9/50M K61L300/104 K61L300/114 K61L300/402 K61L300/404 K61L300/410 K61L300/450 K61L300/602 K61L300/622 K61L300/624

US: 1/1 424/400 424/400S 424/401 424/401P 424/402 424/402P 424/426 424/426P 424/443 424/443S 424/445 424/484 424/484S 424/490 424/490S 424/718 424/718P 424/718S 424/78.02 424/78.36 424/78.360S 514/772.3 514/772.4 514/772.7 514/781 602/41 602/41P 604/293 604/293S 604/304 604/304S 604/82



Family:

Publication number	Publication date	Application number	Application date
AT407708 E	20080915	AT20060708228T	20060213
AT429255 E	20090515	AT20060708224T	20060213
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BRPI0606829 A2	20090721	BR2006PI06829	20060213
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Priority:

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Probable Assignee: NOVAN INC

Assignee(s): (std): KIPAX AB ; NOLABS AB ; NOVAN INC ; PETERS TOR

Assignee(s): TATA MOTORS LTD

Inventor(s): (std): PETERS TOR ; TOR PETERS

Inventor(s): SAMRENDRA NATH MISHRA

Agent(s): G RONALD BELL AND ASSOCIATES; KRAHBICHLER ERIK; ELLA CHEONG HONG KONG LTD; KNOBBE MARTENS OLSON AND BEAR LLP; INSKEEP INTELLECTUAL PROPERTY GROUP INC; MYERS BIGEL AND SIBLEY PA

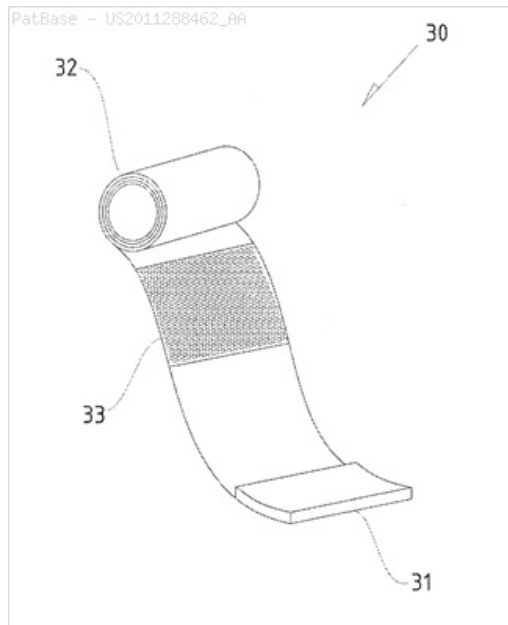
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Title: HAEMOSTATIC WOUND CARE ARTICLE

Abstract: The subject matter of the invention is a wound care article exhibiting a quantity of super-absorbent polymers. The wound care article is characterized in that characterized in that it exhibits at least one agent which can restrict the bleeding or the tendency to bleed. In the process it can be a chemically and/or pharmacologically and/or physiologically acting active ingredient or active ingredient complex.

Classifications:

International (IPC 8-9): A61B17/00 A61F13/00 A61F13/02 A61F13/15 A61F13/45 A61F13/538 A61F17/00 A61K47/30 A61K9/70 A61L15/22 A61L15/42 A61L15/44 A61L15/60 A61M1/00 A61P17/02 A61P7/04 (Advanced/Invention); A61F13/00 A61F13/02 A61F13/15 A61L15/16 (Core/Invention)
CPC: A61F13/00034 A61F13/00038 A61F13/00991 A61F2013/00468 A61F2013/00472 A61L15/44 A61L2300/30 A61L2300/404 A61L2300/418 A61L2300/434 A61L2400/04 A61F13/00008 A61F13/069 A61F13/15617 A61F2013/00119 A61F13/0209 A61F2013/00229 A61F2013/00255 A61F2013/00404 A61F2013/00863 A61L15/425 A61F13/023 A61F13/0206 A61F13/022 A61F13/0246 A61L15/60 A61F13/00029 A61F13/00063 A61F13/00068 A61F13/00072 A61F17/00 A61F2013/00093 A61F2013/00106 A61F2013/00153 A61F2013/00174 A61F2013/00268 A61F2013/00412 A61F2013/00463 A61F2013/00536 A61F2013/0054 A61F2013/0057 A61F2013/0074 A61F2013/00748 A61F2013/00897 A61F2013/0091
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US: 424/445 424/445S 514/772 514/772S 602/48 602/48P 604/319 604/319P 604/369 604/369S 604/372 604/372S 604/376 604/376S 604/377 604/377S 604/385.01 604/385.010S 606/203 606/203S



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: BSN MEDICAL GMBH

Assignee(s): (std): BSN MEDICAL GMBH ; RIESINGER BIRGIT
Assignee(s): BR ENTWICKLUNGS GMBH AND CO KG ; BSN MEDICAL HOLDING GMBH
Inventor(s): (std): RIESINGER BIRGIT ; BSN MEDICAL GMBH
Agent(s): JOSTARNDT PATENTANWALTS AG; MICHALSKI HUETTERMANN AND PARTNER PATENTANWAELTE MBB;
MICHALSKI HUETTERMANN AND PARTNER PATENTANWAELTE; MICHALSKI HUETTERMANN AND PARTNER;
HUETTERMANN ALOYS; STORZ ULRICH; MICHALSKI HUETTERMANN AND PARTNER PATENTANWAELTE MBB;
J PETER; ROSENBAUM IP PC; DAVID G
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
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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

Title: ANTIBACTERIAL AGENT, AND DEVICE USED FOR ACTIVE PROTECTION OF INCISION MARGINS AND INCORPORATING SUCH AN ANTIBACTERIAL AGENT

Abstract: The invention relates to an antibacterial agent comprising, as active product, a haemostatic contact tissue with an acid pH combined with povidone iodine, the haemostatic contact tissue being regenerated or non-regenerated oxidized cellulose. It also relates to a device used for active protection of incision margins and incorporating such an antibacterial agent. The applicant has now demonstrated surprisingly that the combination of regenerated or non-regenerated oxidized cellulose with povidone iodine provided a degree of bacterial inhibition superior to simple use of regenerated or non-regenerated oxidized cellulose on its own or of povidone iodine on its own. This therefore represents a synergistic effect, which yields a novel agent that is both a very powerful haemostatic and also very powerful antibacterial substance.

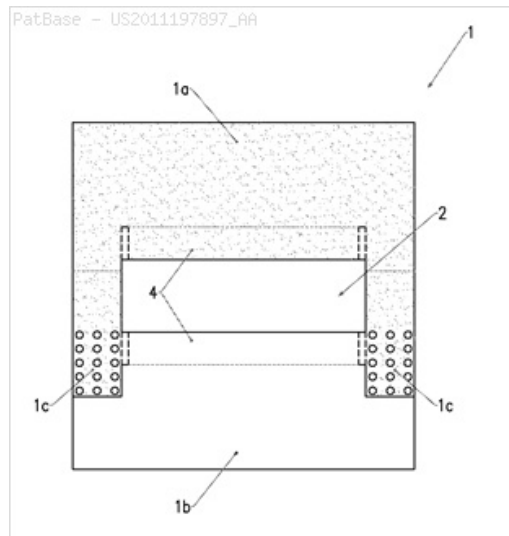
Classifications:

International (IPC 8-9): A61B17/02 A61B19/00 A61B19/08 A61B46/00 A61L A61L15/22 A61L15/24 A61L15/28 A61L15/42 A61L15/44 A61L15/46 A61L26/00 A61L28/00 A61L31/04 A61M1/00 (Advanced/Invention); A61B19/00 A61L15/16 A61L28/00 A61L31/04 A61M1/00 (Core/Invention); A61L (Subclass/Invention)

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European: A61B17/02 A61B19/08 A61L15/28 A61L15/44 A61L15/46 A61L26/00B5 A61L26/00H2 A61M1/00T K61B17/00S20 K61B19/44 K61L300/202 K61L300/404 K61L300/608 K61L400/04 K61M1/00T2

US: 128/849 128/853 602/41 602/42 602/43 602/48



Family:

Publication number	Publication date	Application number	Application date
CA2710397 AA	20100621	CA20082710397	20080930
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Priority:

FR20070008933 20071220 FR20080050316 20080118 EP20080864626 20080930
WO2008FR51760 20080930 US20100809625 20101020 US20120691763 20121201

Probable Assignee: TOUATI GILLES

Assignee(s): (std): GILLES TOUATI ; TOUATI GILLES

Inventor(s): (std): TOUATI GILLES

Inventor(s): GILLES TOUATI

Agent(s): ROBIC; ROMAN ALEXIS; MICHEL ROMAN; CABINET ROMAN; BEN AMI AND ASSOCIATES; PEARL COHEN ZEDEK LATZER BARATZ; JACKSON PATENT LAW OFFICE; ROMAN MICHEL

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

Title: HOMOSTATIC COMPOSITIONS OF POLYACIDS AND POLYALKYLENE OXIDES AND METHODS FOR THEIR USE

Abstract: The present invention relates to improved methods for making and using hemostatic, bioadhesive, bioresorbable, anti-adhesion compositions made of intermacromolecular complexes of carboxyl-containing polysaccharides, polyethers, polyacids, polyalkylene oxides, and optionally including multivalent cations and/or polycations and/or hemostatic agents. The polymers can be associated with each other, and are then either dried into membranes or sponges, or are used as fluids, gels, or foams. Hemostatic, bioresorbable, bioadhesive, anti-adhesion compositions are useful in surgery to prevent bleeding and the formation and reformation of post-surgical adhesions. The compositions are designed to breakdown in-vivo, and thus be removed from the body. The hemostatic, anti-adhesion, bioadhesive, bioresorbable, antithrombogenic and/or physical properties of such compositions can be varied as needed by carefully adjusting the pH, solids content cation content of the polymer casting solutions, polyacid composition, the polyalkylene oxide composition, or by adding hemostatic agents. Hemostatic membranes, gels and/or foams can be used concurrently. Hemostatic, antiadhesion compositions may also be used to lubricate tissues and/or medical instruments, and/or deliver drugs to the surgical site and release them locally.

Classifications:

International (IPC 8-9): A61K31/175 A61K31/715 A61K31/716 A61K31/717 A61K31/721 A61K31/722 A61K31/727 A61K31/728 A61K31/74 A61K31/765 A61K31/77 A61K38/00 A61K38/39 A61K38/46 A61K38/48 A61K45/00 A61K47/00 A61K47/10 A61K47/14 A61K47/18 A61K47/30 A61K47/32 A61K47/34 A61K47/36 A61K47/38 A61K47/48 A61K9/00 A61K9/107 A61K9/12 A61K9/14 A61K9/16 A61K9/70 A61L15/22 A61L15/44 A61L15/50 A61L17/00 A61L27/00 A61L27/52 A61L29/08 A61L31/00 A61L31/04 A61L31/06 A61L31/10 A61L31/14 A61L31/16 A61L33/00 A61L33/06 A61P17/02 A61P41/00 A61P7/04 B01D69/00 C07H1/00 C08B11/20 C08B15/00 C08B37/00 C08G65/00 C08J3/075 C08J5/18 C08L1/26 C08L1/28 C08L1/32 C08L101/14 C08L3/00 C08L5/00 C08L5/08 C08L5/10 C08L71/02 C08L71/08 (Advanced/Invention); A61K31/295 A61K31/315 A61K31/727 A61K31/77 A61K38/00 A61K47/32 A61K9/00 A61K9/16 A61K9/70 A61L27/00 A61L31/00 A61L33/00 B01D69/00 C08B11/00 C08B11/00 C08G59/00 C08J5/18 C08L3/00 C08L67/00 C08L77/00 C08L85/00 C08L85/02 (Advanced/Non-invention); A61K31/715 A61K31/716 A61K31/74 A61K47/10 A61K47/36 A61K9/00 A61L27/00 A61L29/00 A61L31/00 A61L31/04 A61L31/14 A61L33/00 B01D69/00 C08B11/00 C08B15/00 C08B37/00 C08G65/00 C08J5/18 C08L1/00 C08L101/00 C08L3/00 C08L5/00 C08L71/00 (Core/Invention); A61K31/28 A61K31/726 A61K47/32 A61K9/16 A61K9/70 C08B11/00 C08B11/00 C08G59/00 (Core/Non-invention); A61K (Subclass/Invention)

International (IPC 1-7): A61K31/56 A61K31/715 A61K31/716 A61K31/717 A61K31/721 A61K31/722 A61K31/727 A61K31/728 A61K31/734 A61K31/737 A61K31/74 A61K31/765 A61K31/77 A61K38/00 A61K38/19 A61K38/24 A61K38/39 A61K38/46 A61K38/48 A61K45/00 A61K47/00 A61K47/10 A61K47/14 A61K47/18 A61K47/30 A61K47/32 A61K47/34 A61K47/36 A61K47/48 A61K51/00 A61K9/00 A61K9/14 A61K9/70 A61L15/50 A61L17/00 A61L27/00 A61L31/00 A61L31/04 A61L33/00 A61L9/04 A61M11/00 A61P17/02 A61P7/04 B01D69/00 B65D83/14 B67D1/07 B67D5/06 C07H1/00 C08G65/00 C08J5/18 C08L1/26 C08L1/32 C08L3/00 C08L5/00 C08L71/02 C08L71/08

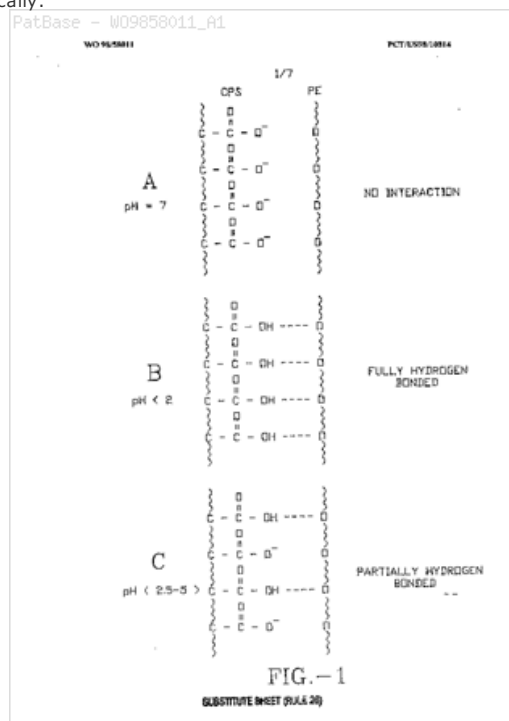
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European: A61K31/715 A61K31/716 A61K31/717 A61K31/721 A61K31/722 A61K31/727 A61K31/728 A61K31/74 A61K31/765 A61K47/10 A61K47/32 A61K47/34 A61K47/36 A61K47/38 A61K8/19 A61K8/73C A61K8/86 A61K9/00M16B A61K9/00M3 A61K9/00M5 A61K9/00M5D A61K9/12B A61K9/70B A61L15/22M A61L15/44 A61L27/26 A61L29/08B A61L31/04B A61L31/04D A61L31/14F A61L31/16 A61L33/06A A61Q19/00 A61Q19/08 C08B11/20 C08B15/00 C08B37/00 C08L1/28F C08L5/00 C08L71/02 K61K201/21 K61K201/322 K61K201/324 K61K38/00 K61K38/00 K61K800/5422 K61K800/5424 K61K800/594 K61K800/91 K61K9/16H6D K61K9/16H6F K61K9/70B K61L300/00 K61L300/252 K61L300/410 K61L300/414 K61L300/418 K61L300/420 K61L300/424 K61L300/426 K61L300/430 K61L400/04 M08L67/00 M08L77/00 M08L85/00 M08L85/02

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Family:

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AT376567 E	20071115	AT19980924928T	19980528
AT404210 E	20080815	AT20000921450T	20000323
AT425776 E	20090415	AT20010928913T	20010426
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AU778853 B2	20041223	AU20000041770	20000323
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CA2407235 AA	20021025	CA20012407235	20010426
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EP1002002 A4	20040317	EP19980924928	19980528
EP1002002 B1	20071024	EP19980924928	19980528
EP1181023 A1	20020227	EP20000921450	20000323
EP1181023 A4	20040331	EP20000921450	20000323
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JP2003530136 T2	20031014	JP20000609079T	20000323
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JP4986311 B2	20120725	JP19990504437T	19980528
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KR20010013927 A	20010226	KR19997011949	19980528
KR20020012170 A	20020215	KR20017012675	20000323
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US2002010150 AA	20020124	US20010843588	20010426
US2002028181 AA	20020307	US20010843194	20010426
US2003152522 AA	20030814	US20030371124	20030220
US2004096422 AA	20040520	US20030666804	20030919
US2005074495 AA	20050407	US20040995448	20041123
US2006035861 AA	20060216	US20050189510	20050726
US5906997 A	19990525	US19970877649	19970617
US6017301 A	20000125	US19980023267	19980213
US6034140 A	20000307	US19980023097	19980213
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US7192984 BB	20070320	US20050189510	20050726
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WO0059516 A1	20001012	WO2000US07963	20000323
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WO05027852 A2	20050331	WO2004US30839	20040920
WO05027852 A3	20051027	WO2004US30839	20040920
WO07014285 A2	20070201	WO2006US29104	20060726
WO07014285 A3	20071115	WO2006US29104	20060726
WO9858011 A1	19981223	WO1998US10814	19980528

Priority:

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Probable Assignee: FZIO MED INC

Assignee(s): (std): BERG RICHARD ; BLACKMORE JOHN M ; CORTESE STEPHANIE M ; DIZEGERA GERE ; FALCONE SAMUEL ; OPPELT WILLIAM G ; SCHWARTZ HERBERT E ; FZIO MED INC ; FZIO MED INC

Assignee(s): MILLER MARK E ; SICK OME DE KO PO RAY LTD ; DIZIGERA GERE

Inventor(s): (std): SCHWARTZ HERBERT E ; SCHWARTZ HERBERT ; OPPELT WILLIAM G ; OPPELT WILLIAM ; MILLER MARK E ; FALCONE SAMUEL ; DIZIGERA GERE ; DIZEGERA GERE ; CORTESE STEPHANIE M ; CORTESE STEPHANIE ; BLACKMORE JOHN M ; BLACKMORE JOHN ; BERG RICHARD

Inventor(s): WILLIAM G OPPELT ; STEPHANIE M CORTESE ; SCHWARTZ HERBERTE ; BLACKMORE JOHN M ; MARK E MILLER ; JOHN M BLACKMORE ; HERBERT E SCHWARTZ

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOWLING LAFLEUR HENDERSON LLP; CRAWFORD ANDREW BIRKBY ET AL; TURNER CRAIG ROBERT ET AL; FLIESLER MEYER LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR 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 MG MK ML MN MR MW MX 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 SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN

YU ZA ZM ZW

Title: COMPOSITE LAYERED HEMOSTASIS DEVICE

Abstract: The present invention is directed to a hemostatic composite structure having a bioabsorbable fabric or non-woven substrate having at least two major oppositely facing surface areas and a continuous non-porous polymer-based film that is laminated on one major surface of said substrate. The bioabsorbable fabric substrate can be an oxidized polysaccharide and/or the non-woven substrate can be made from bioabsorbable, non-cellulosic derived polymers. The continuous non-porous polymer based film can be a bioabsorbable polymer. The present invention also relates to a method for providing hemostasis by applying a composite structure described herein onto a wound site in need of a hemostatic device wherein a major surface of the substrate without the film layer is applied onto the wound site.

Classifications:

International (IPC 8-9): A61F13/00 A61K38/17 A61K38/36 A61K38/43 A61K38/48 A61K47/26 A61K47/34 A61K47/38 A61K9/70 A61L15/00 A61L15/16 A61L15/22 A61L15/26 A61L15/28 A61L15/44 A61L15/64 A61L27/00 A61P7/04 C08G63/02 C08G63/66 (Advanced/Invention)

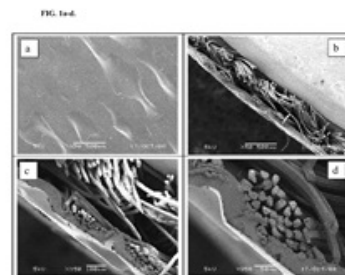
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European: A61K38/36A A61K38/48K5 A61L15/22M A61L15/44 K61L300/418 K61L400/04

US: 424/443 424/445 424/445P 424/446 424/447 424/486 424/487 424/94.64 424/94.640S 514/14.2 514/14.200S 514/14.3 514/14.300S 514/14.4 514/14.400S 514/14.7 514/14.700S 514/14.9 514/14.900S 514/777 514/777S 528/272 528/300

PatBase - US2011070288_AA

Patent Application Publication Mar. 24, 2011 Sheet 1 of 4 US 2011/070288 A1

**Family:**

Publication number	Publication date	Application number	Application date
AU2010298598 AA	20110331	AU20100298598	20100910
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BR112012006453 A2	20150908	BR20121106453	20100910
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CA2774945 AA	20110331	CA20102774945	20100910
CN102630169 A	20120808	CN201080053918	20100910
CN102630169 B	20141217	CN201080053918	20100910
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WO11037760 A3	20110609	WO2010US48336	20100910

Priority:

US20090564298 20090922 EP20100819241 20100910 WO2010US48336 20100910

Probable Assignee: ETHICON INC**Assignee(s):** (std): ANDJELIC SASA ; ETHICON INC**Assignee(s):** ETHICON INC SOMERVILLE ; EHTIKON INK**Inventor(s):** (std): ANDJELIC SASA ; SASA ANDJELIC ; ANDZHELIK SASA**Inventor(s):** ANDJELIC SASA NANUET

Agent(s): CALLINANS; SPRUSON AND FERGUSON; FISHER ADAMS KELLY CALLINANS; NORTON ROSE CANADA SENCRL SRL LLP; MUELLER BORE AND PARTNER PATENTANWALTE PARTG MBB; JAMES ANTHONY CHRISTOPHER W P; KIRSCH SUSAN EDITH; IZQUIERDO MARIA ALICIA; DAVID R; JOHNSON PHILIP S 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

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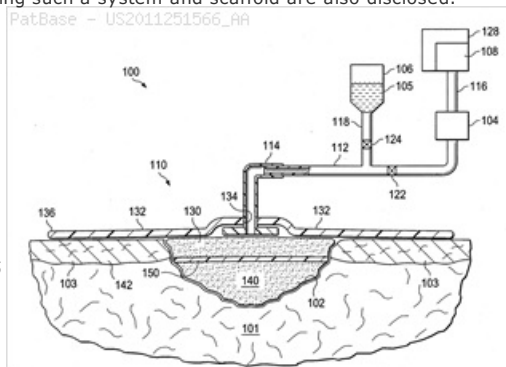
Title: APPARATUSES, METHODS, AND COMPOSITIONS FOR THE TREATMENT AND PROPHYLAXIS OF CHRONIC WOUNDS

Abstract: According to an illustrative embodiment a method to promote healing of a wound is provided comprising contacting the wound with a biologically active composition comprising a lipoic acid derivative and gelatin. In another embodiment a wound dressing is provided comprising a scaffold coated with a biologically active composition comprising a lipoic acid derivative. In a further embodiment, a system is provided for treating a tissue site of a patient, the system comprising a reduced-pressure source to supply reduced pressure, a manifold to distribute reduced pressure to a tissue site and a scaffold coated with a biologically active composition comprising a lipoic acid derivative. Methods for producing such a system and scaffold are also disclosed.

Classifications:

International (IPC 8-9): A61F13/00 A61K31/085 A61K31/095 A61K31/14 A61K31/155 A61K31/381 A61K31/385 A61K31/785 A61K33/26 A61K33/38 A61K38/18 A61K45/00 A61K47/02 A61K47/18 A61K47/34 A61K47/42 A61K47/46 A61K8/65 A61K9/10 A61L15/18 A61L15/20 A61L15/22 A61L15/26 A61L15/32 A61L15/40 A61L15/42 A61L15/44 A61L15/46 A61L26/00 A61M1/00 A61M27/00 A61M35/00 A61P17/02 A61P29/00 C07D339/04 (Advanced/Invention); A61F13/00 (Advanced/Non-invention); A61L15/44 A61L15/46 C07D339/04 (Core/Non-invention)
CPC: A61L15/26 A61L15/425 A61L15/44 A61L2300/21 A61L2300/404 A61L2300/414 A61L2300/434 A61L2300/45 A61L26/0038 A61K31/381 A61M1/0088 A61F2013/0017 A61F2013/00174 A61F13/00068 A61K31/085 A61K31/14 A61K31/155 A61K31/785 A61K33/26 A61L26/0066 A61M1/0084
European: A61L15/22 A61L15/42E A61L15/44 K61L300/210 K61L300/404 K61L300/414 K61L300/434 K61L300/450
US: 424/445 424/447 424/447S 424/449 424/618 424/618S 514/1.1 514/1.100S 514/13.6 514/13.600S 514/15.2 514/15.200S 514/17.2 514/17.200S 514/440 514/440S 602/56 604/289 604/289P 604/290 604/313

PatBase - US2011251566_RH

**Family:**

Publication number	Publication date	Application number	Application date
AU2011237638 AA	20111013	AU20110237638	20110406
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CA2790559 AA	20120817	CA20112790559	20110406
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CN105126156 A	20151209	CN201510354734	20110406
EP2555805 A2	20130213	EP20110715141	20110406
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JP2016175921 A2	20161006	JP20160085736	20160422
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US2015174291 AA	20150625	US20130135088	20131219
US2018333516 AA	20181122	US20180982769	20180517
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US9999702 BB	20180619	US20130135088	20131219
WO11127188 A2	20111013	WO2011US31441	20110406
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Priority:

US20100757562 20100409 CN201180015381 20110406 JP20130503918T 20110406
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Assignee(s): WILMINGTON TRUST NATIONAL ASSOCIATION COLLATERAL AGENT AS ; KCI USA INC

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Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; BORDEN LADNER GERVAIS LLP; Cordina Kevin John; KITA AOYAMA INT PATENT BUREAU; WELCH GERALD T 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 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 RO RS RU 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

Title: COMPOSITION AND DRESSING FOR WOUND TREATMENT

Abstract: The invention provides methods and compositions for wound treatment and/or blood clot formation, e.g., arresting the flow of blood from an open wound. The methods and compositions provide for promoting and accelerating wound healing and optionally provide for inhibition of microbial infection and/or a local analgesic effect.

Classifications:

International (IPC 8-9): A61K A61K33/06 A61K38/36 A61K47/02 A61L15/14 A61L15/18 A61L15/20 A61L15/44 A61L26/00 A61P17/02 A61P7/04 C04B35/185 C07K C07K14/745 (Advanced/Invention); C07K14/745 (Advanced/Non-invention); A61K C07K (Subclass/Invention)

CPC: A61K38/36 A61K33/06 A61L15/20 C04B35/185 A61L2300/418 A61L2300/102 A61L2300/252 A61L15/18 A61L15/44 A61L2400/04 A61K38/363 A61L26/0066 C07K14/745 A61L15/14 A61L2300/402 A61L2300/404 A61L2300/45 A61L26/0004 A61K47/02

US: 1/1 423/327.2 424/445 424/682 514/13.6

Family:

Publication number	Publication date	Application number	Application date
BR112014005597 A2	20170404	BR20141105597	20120912
CA2848351 AA	20140310	CA20122848351	20120912
CN104023741 A	20140903	CN201280044207	20120912
CN104023741 B	20171117	CN201280044207	20120912
CR20140119 A	20140711	CR20140000119	20140311
EP2755676 A1	20140723	EP20120832223	20120912
EP2755676 A4	20150603	EP20120832223	20120912
HK1200319 A1	20150807	HK20150100708	20150122
IL231454 A0	20140430	IL20120231454	20120912
IN00385MN2014 A	20150123	IN2014MN00385	20140228
MX2014002909 A1	20141125	MX20140002909	20120912
MX351641 B	20171023	MX20140002909	20120912
SG11201502833R A1	20150528	SG20151102833	20120912
US2015079152 AA	20150319	US20120344403	20120912
US2016317703 AA	20161103	US20160208280	20160712
US9408913 BB	20160809	US20120344403	20120912
WO13040080 A1	20130321	WO2012US54928	20120912

Priority:

US20110533484P 20110912 US20120670251P 20120711 US20120344403 20120912
WO2012US54928 20120912 US20140344403 20141119 US20160208280 20160712

Probable Assignee: PROTEGE BIOMEDICAL LLC

Assignee(s): (std): PROTEGE BIOMEDICAL LLC ; WUOLLETT MICHAEL ; WUOLLETT SUSAN

Inventor(s): (std): MICHAEL WUOLLETT ; SUSAN WUOLLETT ; WUOLLETT SUSAN ; WUOLLETT MICHAEL

Agent(s): MACPHERSON LESLIE AND TYERMAN LLP; SPENCER MICHAEL DAVID; VIVIEN CHAN AND CO; AUDREY J; BRIGGS AND MORGAN PA; BABCOCK AUDREY J 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 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 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

Title: HEMOSTATIC MATERIALS AND DEVICES WITH GALVANIC PARTICULATES

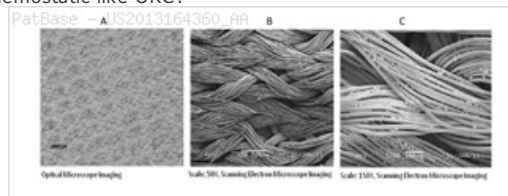
Abstract: The present invention is directed to a hemostatic material comprising a scaffold and a galvanic particulate. The galvanic particulate comprises particles made of at least two dissimilar metals. The scaffold is preferably a biocompatible polysaccharide-based hemostatic, such as a chitosan or cellulosic based hemostatic like ORC.

Classifications:

International (IPC 8-9): A61F13/00 A61K31/715 A61K33/00 A61K33/24 A61K33/30 A61K33/34 A61K47/34 A61K47/36 A61K47/38 A61K9/00 A61K9/10 A61K9/14 A61K9/70 A61L15/18 A61L15/28 A61L15/44 A61L24/00 A61L24/02 A61L24/08 A61L26/00 A61L27/04 A61P17/02 A61P7/00 A61P7/04 H01B1/22 (Advanced/Invention)

CPC: A61L24/0036 A61K33/30 A61K33/34 A61L24/02 A61L24/08 A61L2400/04 C08L5/08 C08L1/02 A61K2300/00 A61L26/0004 A61L26/0023 A61L2300/102 A61L2300/418 A61F13/00 A61K33/24 A61K2121/00 A61L15/18 A61L15/28

US: 424/400 424/402 424/600 424/638



Family:

Publication number	Publication date	Application number	Application date
AU2012355476 AA	20130627	AU20120355476	20121217
AU2012355476 BB	20161222	AU20120355476	20121217
BR112014015331 A2	20170613	BR20141115331	20121217
BR112014015331 A8	20170613	BR20141115331	20121217
BR112014015331 A8	20170627	BR20141115331	20121217
CA2859784 AA	20140618	CA20122859784	20121217
CN104244954 A	20141224	CN201280070348	20121217
CN104244954 B	20171024	CN201280070348	20121217
DE602012043562 D1	20180329	DE201260043562T	20121217
EP2793907 A1	20141029	EP20120860284	20121217
EP2793907 A4	20150819	EP20120860284	20121217
EP3064228 A1	20160907	EP20160163602	20121217
EP3064228 B1	20180228	EP20160163602	20121217
JP2015503368 T2	20150202	JP20140549167T	20121217
RU2014129792 A	20160210	RU20140129792	20121217
RU2628877 C2	20170822	RU20140129792	20121217
US2013164360 AA	20130627	US20110333136	20111221
US9028851 BB	20150512	US20110333136	20111221
WO13096176 A1	20130627	WO2012US70045	20121217

Priority:

US20110333136 20111221 EP20120860284 20121217 EP20160163602 20121217
WO2012US70045 20121217

Probable Assignee: ETHICON INC

Assignee(s): (std): ETIKON INK ; SUN YING ; YANG CHUNLIN ; ZHANG GUANGHUI ; WANG YI LAN ; ETHICON INC

Assignee(s): ETHICON INC SOMERVILLE ; ETHICON INCP.O. BOX 151U.S. ROUTE 22SOMERVILLENJ08876US

Inventor(s): (std): CHUNLIN YANG ; GUANGHUI ZHANG ; SUN YING ; WANG YI LAN ; YANG CHUNLIN ; YI LAN WANG ; YING SUN ; ZHANG GUANGHUI ; YAN CHUNLIN ; VAN I LAN ; SUN IN ; CHZHAN GUANKHOJ

Inventor(s): ZHANG GUANGHUI BELLEMEAD ; ZHANG GUANGHUIUS ; YANG CHUNLIN BELLE MEAD ; YANG CHUNLINUS ; WANG YI LAN BELLE MEAD ; WANG YI LANUS ; SUN YING BELLE MEAD ; SUN YINGUS

Agent(s): CALLINANS ; FISHER ADAMS KELLY CALLINANS ; SPRUSON AND FERGUSON ; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL ; MUELLER BORE AND PARTNER PATENTANWALTE PARTG MBB ; CARPMAELS AND RANSFORD LLP ; KATO MASANOBU ; DAVID R ; JOHNSON PHILIP S 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 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 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

Title: SYSTEMS AND KITS FOR THE FABRICATION OF TISSUE PATCHES

Abstract: Tissue patches and associated systems and methods are described. Certain embodiments are related to inventive systems and methods in which tissue patches can be made quickly and robustly without the use of complicated fabrication or sterilization equipment.

Classifications:

International (IPC 8-9): A61F13/02 A61K38/43 A61K9/00 A61K9/70

A61L15/08 A61L15/18 A61L15/24 A61L15/26 A61L15/28 A61L15/32

A61L15/34 A61L15/44 A61L15/58 A61L15/64 A61L24/00 A61L24/10

A61P7/04 (Advanced/Invention)

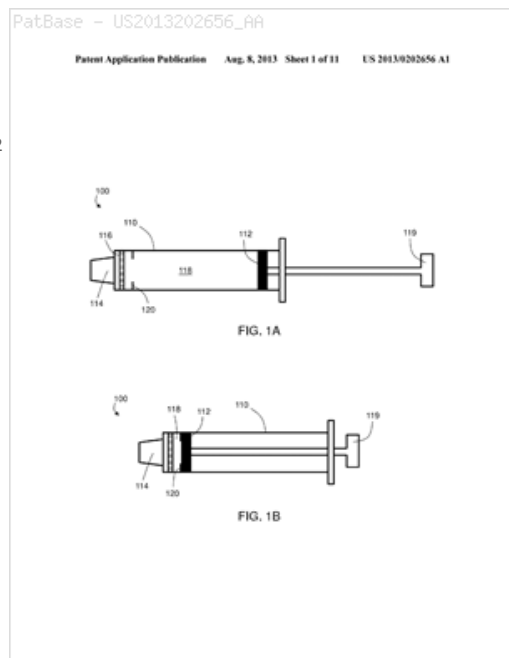
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A61L2400/04 A61L2400/06 A61L15/28 A61L15/24 A61K9/7023 A61L15/32

A61L15/34 A61L15/58 A61L15/64

US: 1/1 422/534 422/535 424/400 424/443 424/94.64 435/68.1 514/13.6

530/382



Family:

Publication number	Publication date	Application number	Application date
AU2013214974 AA	20130808	AU20130214974	20130201
AU2013214974 BB	20161222	AU20130214974	20130201
AU2017201762 AA	20170406	AU20170201762	20170315
CA2899126 AA	20150723	CA20132899126	20130201
EP2809362 A2	20141210	EP20130704330	20130201
JP2015506256 T2	20150302	JP20140555745T	20130201
JP6329084 B2	20180523	JP20140555745T	20130201
KR20140121873 A	20141016	KR20147024583	20130201
US2013202656 AA	20130808	US20120644868	20121004
US2013202674 AA	20130808	US20120644889	20121004
US2013202675 AA	20130808	US20120644907	20121004
US2015231299 AA	20150820	US20150630150	20150224
US2016296657 AA	20161013	US20160096576	20160412
US8999376 BB	20150407	US20120644889	20121004
US9352067 BB	20160531	US20150630150	20150224
US9956311 BB	20180501	US20160096576	20160412
WO13116633 A2	20130808	WO2013US24322	20130201
WO13116633 A3	20131010	WO2013US24322	20130201

Priority:

US20120594898P	20120203	US20120644889	20121004	US20120644907	20121004
US20120644868	20121004	AU20130214974	20130201	WO2013US24322	20130201
US20150630150	20150224	US20160096576	20160412	AU20170201762	20170315

Probable Assignee: XCEDE TECHNOLOGIES INC

Assignee(s): (std): DYNASIL BIOMEDICAL CORP ; ERICSON DANIEL GRANT ; XCEDE TECH INC ; XCEDE TECHNOLOGIES INC

Inventor(s): (std): ERICSON DANIEL GRANT

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; CASSAN MACLEAN; CASSAN MACLEAN IP AGENCY INC; BRIDLE ANDREW BARRY; WOLF GREENFIELD AND SACKS PC; BLACKWELL BRANDON S

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 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 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

Title: ADHESIVE MEDICAL PRODUCTS AND METHODS FOR TREATING GASTROINTESTINAL LESIONS

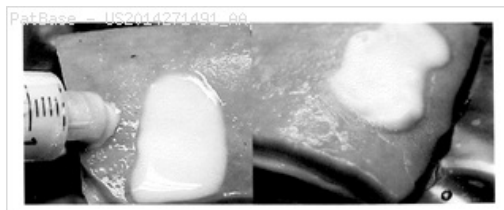
Abstract: The present invention relates to a long-lasting medical product for protecting or treating a lesion in the gastrointestinal tract. The medical product includes a protective covering, wherein the medical product upon application at and about the site of the lesion adheres to the gastrointestinal tissue and is capable of remaining at and about the site of the lesion for a time sufficient to allow the lesion to heal or be treated.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61F13/04 A61L15/24 A61L15/44 A61L15/58 A61L24/00 A61L26/00 A61L27/00 A61M11/02 A61M13/00 A61M37/00 A61M5/155 (Advanced/Invention); A61M35/00 (Advanced/Non-invention)

CPC: A61L15/58 A61L24/001 A61L26/0061 A61L2400/06 A61F13/023 A61F13/00063 A61F13/0253 A61L2300/418 A61L2400/04 A61L15/225 A61L26/0014 A61L15/24 A61M5/155 A61M11/02 A61M13/00 A61M35/00 Y10T428/2982 A61M2205/8225 A61M37/00 A61F13/04 A61L15/44 A61L26/0066 A61L26/0076 A61L2300/60

US: 424/10.3 424/78.06 602/61



Family:

Publication number	Publication date	Application number	Application date
AU2014237970 AA	20140925	AU20140237970	20140303
AU2014237970 BB	20170105	AU20140237970	20140303
CN105050630 A	20151111	CN201480015565	20140303
EP2968651 A1	20160120	EP20140712861	20140303
JP2016512069 T2	20160425	JP20160500548T	20140303
US2014271491 AA	20140918	US20140209718	20140313
US2017232141 AA	20170817	US20170581876	20170428
US2018099088 AA	20180412	US20170836147	20171208
WO14149617 A1	20140925	WO2014US19893	20140303
WO18200695 A1	20181101	WO2018US29391	20180425

Priority:

US20130793586P 20130315 US20130044040 20131002 WO2014US19893 20140303
US20140209718 20140313 US20170581876 20170428 US20170836147 20171208

Probable Assignee: COOK MEDICAL TECHNOLOGIES LLC

Assignee(s): (std): COOK MEDICAL TECHNOLOGIES LLC ; GITTARD SHAUN D ; SIGMON JR JOHN CROWDER ; SURTI VIHAR C

Assignee(s): COOK INC

Inventor(s): (std): GITTARD SHAUN ; SIGMON JOHN ; SIGMON JOHN CROWDER ; SURTI VIHAR ; SURTI VIHAR C ; SIGMON JR JOHN CROWDER ; SIGMON JR JOHN C ; HARDY GREGORY ; GITTARD SHAUN D

Inventor(s): SIGMON JOHN C

Agent(s): PHILLIPS ORMONDE FITZPATRICK; GARRATT PETER DOUGLAS; FUKAMI PATENT OFFICE PC; CILELLA MAGDALENA O

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

Title: HEMOSTATIC DEVICE AND METHOD

Abstract: A hemostatic tablet preferably including potassium ferrate and a cation ion exchange resin pressure formed into a tablet for delivery to a bleeding wound. The tablet improves the rate of adhesion to a bleeding wound surface, and allows a significantly greater and more uniform pressure to be exerted by manual compression of the tablet on the wound site, as compared to that of a thin layer of scattered hemostatic powder. After the seal is formed from the interaction of blood or exudates with the immediate contacting surface of the tablet, the bulk of the unused tablet easily delaminates from the seal making clean up facile. If the unused portion of the tablet is not removed from the wound site, a reservoir of hemostatic dressing stops further bleeding and to provide antimicrobial protection and healing. The tablet may be applied to any surface orientation and take any shape and thickness possible.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/12 A61F13/00 A61F13/02 A61F13/40 A61K A61K33/26 A61L15/16 A61L15/18 A61L15/22 A61L15/24 A61L15/42 A61L15/44 A61L24/00 A61L24/02 A61L24/06 A61L31/02 A61L31/04 A61L31/14 A61L31/16 A61M25/02

A61M35/00 (Advanced/Invention);

A61B17/00 A61D1/00 A61F13/00 A61F13/36 A61L15/18 A61L15/60

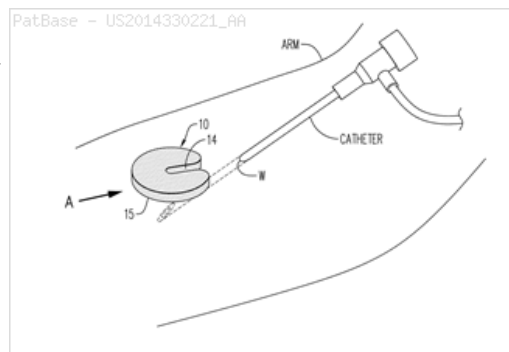
A61M25/02 A61M5/178 (Advanced/Non-invention);

A61M35/00 (Core/Invention);

A61B17/00 A61D1/00 A61F13/00 (Core/Non-invention)

CPC: A61F13/00 A61F13/36 A61F2013/00412 A61L2400/04 A61M35/00 A61L2300/418 A61L2300/102 A61M35/003 A61B17/12159 A61B17/12163 A61B2017/00004 A61B2017/12004 A61B2017/12054 A61L15/18 A61L15/22 A61L15/425 A61L15/44 A61L2300/60 A61F2013/00472 A61L15/60 A61L24/0015 A61L24/06 C08L25/18 A61M35/006 A61L24/02 A61B17/0057 A61M25/02

US: 424/464 424/646 604/290 604/299 604/309 606/214



Family:

Publication number	Publication date	Application number	Application date
AU2014235821 AA	20140925	AU20140235821	20140501
AU2014235821 AB	20151022	AU20140235821	20140501
CN105246493 A	20160113	CN201480011683	20140501
EP2976090 A2	20160127	EP20140770895	20140501
EP2976090 A4	20161221	EP20140770895	20140501
GB201518358 A0	20151202	GB20150018358	20140501
GB2527261 A1	20151216	GB20150018358	20140501
IL241681 A0	20151231	IL20140241681	20140501
JP2016523107 T2	20160808	JP20160504397T	20140501
JP2018138176 A2	20180906	JP20180076736	20180412
JP6378312 B2	20180822	JP20160504397T	20140501
MX2015011196 A1	20151109	MX20150011196	20140501
MX341553 B	20160824	MX20150011196	20140501
US2014330221 AA	20141106	US20130847057	20130319
US2015147392 AA	20150528	US20150606324	20150127
US2015257766 AA	20150917	US20150545560	20150521
US2017172582 AA	20170622	US20170447712	20170302
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US9877728 BB	20180130	US20170447712	20170302
WO14153566 A2	20140925	WO2014US36313	20140501
WO14153566 A3	20141113	WO2014US36313	20140501

Priority:

US20130847057 20130319 JP20160504397T 20140501 WO2014US36313 20140501
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 JP20180076736 20180412

Probable Assignee: BIOLIFE LLC

Assignee(s): (std): BIOLIFE L L C ; BIOLIFE LLC ; HEN JOHN ; TRAVI MARK ; KEENE TALMADGE KELLY

Assignee(s): MANAGEABILITY CAPABILITY TEE DE BIO LIFE NON CO ; INLIERS CO BIO LIFE TEE DE ABILITY

Inventor(s): (std): J HENG ; TRAVI MARK ; KEENE TALMADGE KELLY ; HEN JOHN

Inventor(s): JOHN HEN ; MARK TRAVI ; TALMADGE KELLY KEENE

Agent(s): GRIFFITH HACK; BOULT WADE TENNANT; KOGA TETSUJI; AOKI ATSUSHI; FUKUMOTO TSUMORU; ISHIDA TAKASHI; CHARLES J; PRESCOTT CHARLES J

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

Title: HAEMOSTATIC COMPOSITION COMPRISING CRYSTALLINE POLYPHOSPHATE

Abstract: The present invention relates to the use of polyphosphate in crystalline form for treatment of wounds, especially bleeding wounds, wherein the anion of the polyphosphate has a (numerical) average of at least 4 phosphorus atoms per polyphosphate anion. The invention additionally relates to a composition suitable for treatment of wounds, especially bleeding wounds, comprising an inventive polyphosphate and a carrier material. The invention further provides a method suitable for production of the inventive composition, which comprises the introduction of the polyphosphate and optionally further haemostatic agents into the carrier material, or into a component or into a precursor of the carrier material

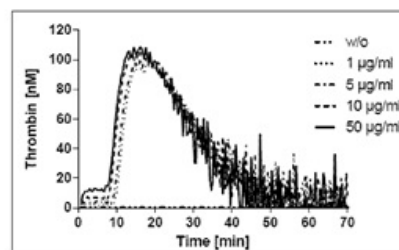
Classifications:

International (IPC 8-9): A61K31/722 A61K33/42 A61K38/36 A61K38/43 A61K38/48 A61K9/06 A61K9/08 A61K9/12 A61K9/14 A61K9/70 A61L A61L15/18 A61L15/44 A61L24/02 A61L24/08 A61L24/10 A61L26/00 A61P17/02 A61P7/04 (Advanced/Invention); A61L (Subclass/Invention)

CPC: A61L24/02 A61L24/08 A61L24/108 A61L24/106 A61L2400/04 A61L15/18 A61L15/44 A61L26/0004 A61L26/0066 A61L2300/112 A61L2300/418

US: 424/489

PatBase - US2016263275_AA
Figure 1



Family:

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DE502014006513 D1	20180104	DE201450006513T	20141030
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ES2657339 T3	20180302	ES20140793503T	20141030
IL245291 A0	20160630	IL20140245291	20141030
JP2016535041 T2	20161110	JP20160527162T	20141030
PL3062830 T3	20180530	PL20140793503T	20141030
PT3062830 T	20180223	PT20140793503T	20141030
TR201802910 T4	20180321	TR20180002910T	20141030
US2016263275 AA	20160915	US20140032485	20141030
US9907879 BB	20180306	US20140032485	20141030
WO15063190 A1	20150507	WO2014EP73274	20141030

Priority:

DE201310222223 20131031 EP20140793503 20141030 WO2014EP73274 20141030

Probable Assignee: BK GIULINI GMBH

Assignee(s): (std): BK GIULINI GMBH

Assignee(s): STAFFEL THOMAS ; THAUERN HENRIKE

Inventor(s): (std): HENRIKE THAUERN ; STAFFEL THOMAS ; THAUERN HENRIKE ; THOMAS STAFFEL

Agent(s): GOWLING WLG CANADA LLP; REITSTOETTER KINZEBACH; UNGRIA JAVIER; YESIM METIN; VENABLE LLP; ANNETTE K; KEITH G

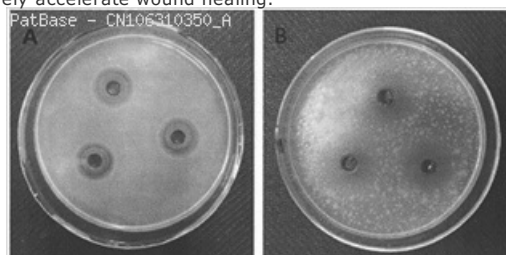
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW 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

Title: HYDROGEL WOUNDPLAST CONTAINING TRADITIONAL CHINESE MEDICINE EXTRACTS AND PREPARATION METHOD THEREOF

Abstract: The invention relates to a hydrogel woundplast containing traditional Chinese medicine extracts and a preparation method thereof. The hydrogel woundplast comprises a back lining layer, a medicated hydrogel layer and a stripping layer. The preparation method comprises the following steps: uniformly mixing the following components in percentage by weight: 0.5-4.0 percent of chitosan, 1.0-3.0 percent of polyvinyl alcohol, 0.2-1.0 percent of gelatin, 1.0-3.0 percent of glycerol, 0.5-2.5 percent of menthol, 0.2-1.0 percent of coptis extract, 1.0-2.5 percent of honeysuckle flower extract, 15-25 percent of anhydrous ethanol and 50-80 percent of distilled water; performing cyclic refrigerating-melting treatment to obtain the medicated hydrogel layer; bonding the back lining layer on one side of the hydrogel layer; and bonding the stripping layer on the other side of the hydrogel layer. The hydrogel woundplast containing traditional Chinese medicine extracts is simple in structure and convenient to use, and can absorb wound surface exudates and keep wound wetness; and meanwhile, the hydrogel woundplast has the effects of resisting bacteria, diminishing inflammation and stopping bleeding, and can effectively accelerate wound healing.

Classifications:

International (IPC 8-9): A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/40 A61L15/42 A61L15/44 A61L15/46 (Advanced/Invention)
CPC: A61L15/32 A61L15/24 A61L15/26 A61L15/28 A61L15/40 A61L15/42 A61L15/44 A61L15/46 A61L2300/30 A61L2300/40 A61L2300/41 A61L2300/418 A61L2400/04



Family:

Publication number	Publication date	Application number	Application date
■ CN106310350 A	20170111	CN201610948944	20161028

Priority:

CN201610948944 20161028

Probable Assignee: UNIV CHINA PHARMA

Assignee(s): (std): CHINA PHARMACEUTICAL UNIV ; JIANGSU RUNTONG CHEMICAL CO LTD ; UNIV CHINA PHARMA

Assignee(s): JIANGSU RUNTONG CHEMICAL CO

Inventor(s): (std): CHEN QIAO ; HE SUYUN ; WANG JUNLING ; WU CAN ; ZHONG WENYING

Title: HEMOSTATIC MATERIALS AND HEMOSTATIC APPLICATION CONTAINING THEREOF

Abstract: Hemostatic materials and hemostatic articles according to an embodiment of the present invention comprise: a wetting layer selected from a group consisting of water absorbent polymer foams, hydrocolloids, hydrogels, and combinations thereof; and kaolin that it is possible to obtain a hemostatic effect and a wet dressing effect simultaneously by creating a wetting environment at a bleeding site with the strong hemostatic effect by kaolin, and when stored in a sealed state, there is almost no deformation and the strong hemostatic effect can be obtained while being simply portable, thereby being very useful in emergency situations requiring hemostasis.

Classifications:

International (IPC 8-9): A61L15/18 A61L15/22 A61L15/42 A61L15/44 A61L26/00 (Advanced/Invention)

CPC: A61L26/0004 A61L15/18 A61L15/22 A61L15/42 A61L15/425 A61L15/44 A61L26/0066 A61L26/008 A61L26/0085 A61L2300/418 A61L2400/04

Family:

Publication number	Publication date	Application number	Application date
 KR20170143369 A	20171229	KR20160077537	20160621

Priority:

KR20160077537 20160621

Probable Assignee: SOONCHUNHYANG UNIV IND ACADEMY COOPERATION FOUNDATION

Assignee(s): (std): SOONCHUNHYANG UNIV IND ACADEMY COOPERATION FOUNDATION

Assignee(s): SOONCHUNHYANG UNIVERSITY INDUSTRY ACADEMY COOPERATION FOUNDATION

Inventor(s): (std): KIM HYUN HO ; KIM JUN MO ; KIM TAE HEE ; LEE HAE HYEONG

Title: Oxidized cellulose and vitamin E blend for topical hemostatic applications

Abstract: The present invention relates to a hemostatic composition comprising 1 to 90 weight percent of vitamin E or a derivative of vitamin E, 1 to 95 weight percent of oxidized cellulose, and 0.1 to 75 weight percent of water. The hemostatic composition may be formed into pellets, powder, paste, gum, gel, or liquid suitable for molding to conform to the contours of a wound.

Classifications:

International (IPC 8-9): A61K45/06 A61L15/22 A61L15/28 A61L15/44 A61L24/00 A61L24/04 A61L26/00 (Advanced/Invention)

International (IPC 1-7): A61K31/355 A61K31/715 A61L15/22 A61L15/28 A61L15/44 A61L25/00

CPC: A61L26/0066 A61K45/06 A61L15/225 A61L15/28 A61L15/44 A61L24/0015 A61L24/043 A61L26/0023 A61L26/0052 A61L2300/418 A61L2300/428 A61L2400/04

European: A61K45/06 A61L15/22M A61L15/28 A61L15/44 A61L24/00H2 A61L24/04M A61L26/00B5 A61L26/00B8 A61L26/00H2 K61L300/418 K61L300/428 K61L400/04

US: 514/458 514/57

PatBase - US5696101_A

U.S. Patent

Dec. 9, 1997

Sheet 1 of 4

5,696,101

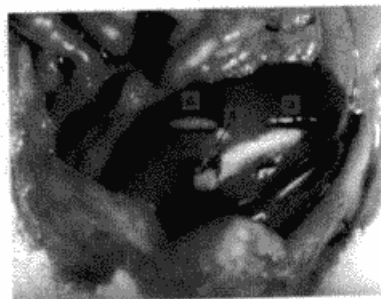


Fig.1

Family:

Publication number	Publication date	Application number	Application date
US5696101 A	19971209	US19960633272	19960416
WO9738737 A1	19971023	WO1997US06242	19970416

Priority:

US19960633272 19960416

Probable Assignee: EAST TENNESSEE STATE UNIV RESEARCH FOUNDATION

Assignee(s): (std): EASTMAN CHEM CO

Assignee(s): EASTMAN CHEMICAL CO ; EASTMAN CHEMICAL COMPANY ; EAST TENNESSEE STATE UNIV ; EAST TENNESSEE STATE UNIV RESEARCH FOUNDATION

Inventor(s): (std): HOPKINS WARREN KENT ; WU STEPHEN HONG WEI

Designated states: AT BE CH DE DK ES FI FR GB GR IE IT JP LU MC NL PT SE

Title: HIGH VISCOSITY LIQUID CONTROLLED DELIVERY SYSTEM AND MEDICAL OR SURGICAL DEVICE

Abstract: The present invention relates to novel nonpolymeric compounds and compositions that form liquid, high viscosity materials suitable for the delivery of biologically active substances in a controlled fashion, and for use as medical or surgical devices. The materials can optionally be diluted with a solvent to form a material of lower viscosity, rendering the material easy to administer. This solvent may be water insoluble or water soluble, where the water soluble solvent rapidly diffuses or migrates away from the material in vivo, leaving a higher viscosity liquid material.

Classifications:

International (IPC 8-9): A01N25/02 A01N25/04 A01N25/08 A01N25/28 A01N47/44 A01P21/00 A01P3/00 A01P7/04 A61F A61F13/00 A61F2/02 A61F6/06 A61F9/02 A61K A61K31/56 A61K31/7052 A61K31/713 A61K31/715 A61K31/727 A61K38/00 A61K38/02 A61K38/16 A61K38/18 A61K38/19 A61K38/21 A61K38/22 A61K38/28 A61K45/00 A61K47/02 A61K47/10 A61K47/12 A61K47/14 A61K47/18 A61K47/20 A61K47/22 A61K47/24 A61K47/26 A61K47/30 A61K47/34 A61K47/38 A61K47/40 A61K47/44 A61K8/30 A61K8/60 A61K9/00 A61K9/06 A61K9/08 A61K9/10 A61K9/107 A61K9/12 A61K9/14 A61K9/16 A61K9/20 A61K9/48 A61K9/50 A61K9/52 A61K9/70 A61L A61L15/20 A61L15/44 A61L24/00 A61L24/04 A61L26/00 A61L27/00 A61L27/54 A61L31/00 A61L31/16 A61L33/00 A61L9/04 A61P17/02 A61P19/00 A61P31/12 A61P43/00 A61P5/00 A61P7/02 A61Q11/00 C07C69/675 C07D309/00 C07H11/04 C07H13/02 C07H13/04 C07H13/06 C07H15/00 C07H3/02 (Advanced/Invention); A61K45/00 A61K9/107 A61K9/12 A61K9/16 A61K9/20 A61K9/48 A61K9/70 A61L27/00 A61Q11/00 (Advanced/Non-invention); A01N25/02 A01N25/26 A01P21/00 A01P3/00 A01P7/04 A61F13/00 A61K38/18 A61K38/19 A61K38/21 A61K38/28 A61K47/14 A61K47/16 A61K47/26 A61K47/34 A61K8/30 A61K9/00 A61K9/107 A61K9/12 A61K9/14 A61K9/50 A61K9/70 A61L15/16 A61L24/00 A61L26/00 A61L27/00 A61L31/00 A61L31/14 A61L33/00 A61Q11/00 C07C69/00 C07D309/00 C07H11/00 C07H13/00 C07H15/00 C07H3/00 (Core/Invention); A61K9/16 A61K9/48 (Core/Non-invention)

International (IPC 1-7): A01N25/04 A61F13/02 A61F2/00 A61F2/02 A61F6/06 A61F9/02 A61K45/00 A61K47/14 A61K47/18 A61K47/26 A61K47/34 A61K9/00 A61K9/10 A61K9/107 A61K9/12 A61K9/14 A61K9/20 A61K9/48 A61K9/50 A61K9/70 A61L24/00 A61L24/04 A61L25/00 A61L26/00 A61L27/00 A61L31/00 A61L33/00 A61L9/04 B01J13/02 B32B5/16 C07C69/675 C07H13/04 C07H13/06 **CPC:** A61L2300/42 A61L2300/622 Y10S436/829 A61K9/0095 A61L2300/236 A61L2300/802 A61L2300/252 A61L2300/402 A61L2300/43 A61L2300/602 A61K47/10 Y10T428/2987 Y10T428/2985 A61K9/0024 A61K8/60 A61K9/0014 A61K9/0019 A61K9/0073 A61K9/008 A61K9/1647 A61K9/4858 A61K9/7015 A61K47/14 A61K47/26 A61K47/34 A61L15/20 A61L15/44 A61L24/0015 A61L24/0026 A61L26/0066 A61L27/54 A61L31/16 A61L2300/00 A61Q5/006 A61Q11/00

European: A61K47/14 A61K47/26 A61K47/34 A61K8/60 A61K9/00M3 A61K9/00M5 A61K9/00M5D A61K9/00Z6 A61L15/20 A61L15/44 A61L24/00H2 A61L24/00H6 A61L26/00H2 A61L27/54 A61L31/16 A61Q11/00 A61Q5/00F K61K47/34 K61K9/00M20B K61K9/00M20B6 K61K9/00M5D K61K9/16H6D4 K61K9/48H4 K61K9/70D K61L300/00 K61L300/236 K61L300/252 K61L300/402 K61L300/420 K61L300/430 K61L300/602 K61L300/622 K61L300/802

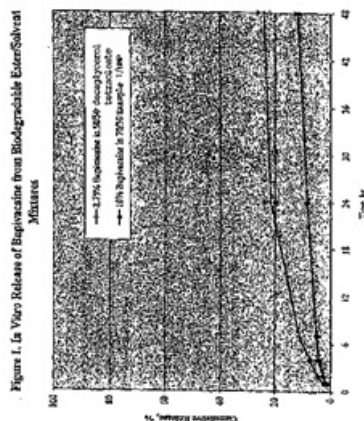
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Family:

Publication number	Publication date	Application number	Application date
AT287673 E	20050215	AT19960921521T	19960607
AT307611 E	20051115	AT20000961358T	20000824
AU199662731 A1	19961230	AU19960062731	19960607
AU199894750 A1	19990405	AU19980094750	19980908
AU200073319 A1	20010326	AU20000073319	20000824
AU200073319 A5	20010326	AU20000073319	20000824
AU2003297848 AA	20040630	AU20030297848	20031210
AU2003297848 AH	20040630	AU20030297848	20031210
AU2005205766 AA	20050929	AU20050205766	20050901
AU2009201321 AA	20090423	AU20090201321	20090403
AU698281 B2	19981029	AU19960062731	19960607
BRPI9609033 A	19991214	BR1996PI09033	19960607
BRPI9609033 B1	20090811	BR1996PI09033	19960607
BRPI9609033 B8	20170404	BR1996PI09033	19960607
BRPI9812313 A	20000912	BR1998PI12313	19980908
CA2222567 AA	19971127	CA19962222567	19960607
CA2222567 C	20020129	CA19962222567	19960607
CA2303442 AA	20000309	CA19982303442	19980908
CA2382540 AA	20020220	CA20002382540	20000824
CA2382540 C	20090616	CA20002382540	20000824
CN100522244 C	20090805	CN200510104020	19960607
CN1192131 A	19980902	CN19961095895	19960607
CN1225230 C	20051102	CN19961095895	19960607

PatBase - US2004101557_AA

Patent Application Publication May 27, 2004 Sheet 1 of 6 US 2004/0101557 A1



CN1299290 A	20010613	CN19988010977	19980908
CN1781555 A	20060607	CN200510104020	19960607
DE60023520 D1	20051201	DE20006023520	20000824
DE60023520 T2	20060727	DE20006023520T	20000824
DE69634277 D1	20050303	DE19966034277	19960607
DE69634277 T2	20060105	DE19966034277T	19960607
DK1006935 T3	20050606	DK19960921521T	19960607
EP1006935 A1	20000614	EP19960921521	19960607
EP1006935 A4	20010502	EP19960921521	19960607
EP1006935 B1	20050126	EP19960921521	19960607
EP1015032 A2	20000705	EP19980948113	19980908
EP1212092 A2	20020612	EP20000961358	20000824
EP1212092 B1	20051026	EP20000961358	20000824
EP1525858 A1	20050427	EP20050075143	19960607
ES2238693 T3	20050901	ES19960921521T	19960607
ES2254219 T3	20060616	ES20000961358T	20000824
HK1015255 A1	20060721	HK19990100601	19990212
HK1015255 B	20060721	HK19990100601	19990212
JP11507278 T2	19990629	JP19970502181T	19960607
JP2001516728 T2	20011002	JP20000511528T	19980908
JP2003508449 T2	20030304	JP20010520145T	20000824
JP2007126459 A2	20070524	JP20060304264	20061109
JP2009143935 A2	20090702	JP20090002735	20090108
JP2009197018 A2	20090903	JP20090108881	20090428
JP4276807 B2	20090610	JP20010520145T	20000824
JP4330175 B2	20090916	JP19970502181	19960607
MX9709606 A1	19980628	MX19970009606	19971205
MX9709606 A1	19980630	MX19970009606	19971205
NZ503366 A	20050225	NZ19980503366	19980908
PT1006935 T	20050630	PT19960921521T	19960607
US2004101557 AA	20040527	US20020316441	20021210
US2006210599 AA	20060921	US20060440642	20060524
US2008145419 AA	20080619	US20070888638	20070731
US2008152708 AA	20080626	US20070888621	20070731
US2013345260 AA	20131226	US20130890103	20130508
US5747058 A	19980505	US19950474337	19950607
US5968542 A	19991019	US19970944022	19970915
US6413536 BA	20020702	US19990385107	19990827
US7053209 BA	20060530	US20000699002	20001026
US7833543 BB	20101116	US20020316441	20021210
WO0115734 A2	20010308	WO2000US23270	20000824
WO0115734 A3	20010913	WO2000US23270	20000824
WO04052336 A2	20040624	WO2003US39311	20031210
WO04052336 A3	20060615	WO2003US39311	20031210
WO9639995 A1	19961219	WO1996US10055	19960607
WO9913913 A2	19990325	WO1998US18629	19980908
WO9913913 A3	19990603	WO1998US18629	19980908

Priority:

US19950474337	19950607	US19950478450	19950607	JP19970502181	19960607
EP19960921521	19960607	WO1996US10055	19960607	US19970944022	19970915
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JP20010520145	20000824	WO2000US23270	20000824	US20000699002	20001026
US20020316441	20021210	WO2003US39311	20031210	AU20050205766	20050901
US20060440642	20060524	US20070888621	20070731	US20070888638	20070731
AU20090201321	20090403	US20130890103	20130508		

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Inventor(s): TIPTON ARTHUR ; A J TIPTON ; AJ TIPTON ; SULLIVAN STACEY ; STACEY A SULLIVAN ; STACEY S MILLER ; R J HOLL ; MIDDLETON JOHN ; ARTUR J TIPTON ; GIBSON JOHN ; JOHN C MIDDLETON ; JOHN G MIDDLETON ; JOHN W GIBSON

Agent(s): FB RICE; FB RICE PTY LTD; PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; PIZZEYS PATENT AND TRADE MARK ATTORNEYS; BERESKIN AND PARR LLP SENCRL SRL; CHINA PATENT AGENT HK LTD; DURECT THOMAS P MCCracken CORP; THOMAS P MCCracken DURECT CORP; THOMAS P

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

Title: TREATMENT FOR HIGH PRESSURE BLEEDING

Abstract: High-pressure bleeding wounds (and other bleeding wounds) may be treated by applying direct pressure directly in the bleeding wound, such as by applying a back pressure in a confined space around and in the wound. Certain substances and articles may be inserted into the wound, and the wound may be enclosed with that substance or article (such as a hemostatic substance, which may be polymeric), by swelling on contact with molecules (such as water molecules in the blood) encountered in the wound, generates the desired pressure to stop or at least reduce the bleeding without the detrimental effects of a tourniquet. Clot-inducing substances may be introduced into the wound contemporaneously with direct pressure application directly in the wound. Compressible and non-compressible wounds are treated. Treatment stops bleeding without producing pressure injury or ischemic damage. Medical devices using this technology are provided, including removable, biodegradable, medic-administrable devices.

Classifications:

International (IPC 8-9): A61B17/12 A61F13/00 A61K9/00 A61K9/70 A61L15/16 A61L15/22 A61L15/42 A61L15/44 A61L15/60

A61L26/00 (Advanced/Invention);

A61B17/12 A61F13/00 A61K9/70 A61L15/16 (Core/Invention)

International (IPC 1-7): A61B17/12 A61F13/00 A61K9/70 A61L15/00 A61L15/16 A61L15/44

CPC: A61F13/00034 A61F13/00042 A61F2013/00255 A61F2013/0028 A61F2013/00468 A61F2013/00472 A61F2013/00863 A61F2013/0091 A61K9/70 A61L15/425 A61L15/44 A61L15/60 A61L2300/254 A61L2300/402 A61L2300/406 A61L2300/418 A61L26/0061 A61B17/0057 A61B17/122 A61B17/132 A61B2017/00659 A61F13/0269 A61K9/0048 A61L15/22 A61L24/106 A61L24/108 A61L2400/04

European: A61B17/00P A61B17/122 A61B17/132 A61F13/00 A61F13/00A6 A61F13/00A6D A61F13/02F A61K9/00M16 A61K9/70 A61L15/22 A61L15/42E A61L15/44 A61L15/60 A61L24/10F A61L24/10R K61B17/00P11J K61F13/00J13B K61F13/00J15 K61F13/00L10B K61F13/00L12B K61F13/00L1H1 K61F13/00L1H2 K61L300/254 K61L300/402 K61L300/406 K61L300/418 K61L400/04

US: 424/443 424/443S 424/445 424/445P 424/78.35 526/307.6 602/42 602/48 602/53 602/56 602/58 604/319 606/201 606/201P

PatBase - WO0222059_A1

WO 0222059

FIGURE 1

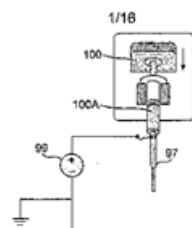


FIG. 1A

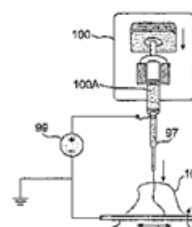


FIG. 1B

SUBSTITUTE SHEET (RULE 26)

Family:

Publication number	Publication date	Application number	Application date
AU2001287156 AA	20020326	AU20010287156	20010912
AU200187156 A1	20020326	AU20010087156	20010912
AU200187156 A5	20020326	AU20010087156	20010912
CN1455659 A	20031112	CN20018015558	20010912
EP1318778 A1	20030618	EP20010966661	20010912
EP1318778 A4	20070613	EP20010966661	20010912
JP2004508137 T2	20040318	JP20020526314T	20010912
US2004013715 AA	20040122	US20030363994	20030813
US2008009898 AA	20080110	US20070855205	20070914
US2013310779 AA	20131121	US20130952186	20130726
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WO0222059 A1	20020321	WO2001US28295	20010912

Priority:

US20000231883P 20000912 US20010363994 20010912 WO2001US28295 20010912
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Probable Assignee: VIRGINIA COMMW UNIV

Assignee(s): (std): CARR MARCUS E JR ; COHEN I KELMAN ; UNIV VIRGINIA COMMW ; WNEK GARY ; WARD KEVIN R ; IVATURY ROA ; COHEN KELMAN I ; IVATURY RAO ; BARBEE WAYNE ; BOWLIN GARY ; CARR JR MARCUS E ; UNIV VIRGINIA COMMONWEALTH ; VIRGINIA COMMONWEALTH UNIV ; VIRGINIA STATE UNIV

Assignee(s): VIRGINIA COMMW ; VIRGINIA COMMW UNIV ; CARR MARCUS E ; VIRGINIA COMMONWEALTH UNIVERSITY

Inventor(s): (std): BARBEE WAYNE ; BOWLIN GARY ; CARR MARCUS E JR ; GARR WNEK ; I COHEN ; IVATURY ROA ; JR MARCUS CARR ; WARD KEVIN R ; WNEK GARY ; WNEK GARR ; COHEN I ; CARR JR MARCUS ; IVATURY RAO ; COHEN I KELMAN ; COHEN KELMAN I ; CARR MARCUS E ; CARR JR MARCUS E

Inventor(s): COHEN KELMAN ; I KELMAN COHEN ; GARY WNEK ; GARY BOWLIN ; WAYNE BARBEE ; ROA IVATURY ; MARCUS E CARR JR ; KEVIN R WARD ; WARD KEVIN ; CARR MARCUS EJ ; CARR MARCUS

Agent(s): WHITHAM CURTIS AND CHRISTOFFERSON AND COOK PC ; WHITHAM CURTIS CHRISTOFFERSON AND COOK PC

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

Title: VASCULAR ACCESS PRESERVATION IN HEMODIALYSIS PATIENTS

Abstract: The present invention relates generally to the field of hemodialysis, including methods and kits that can be employed to improve hemodialysis therapy. The present invention encompasses methods and kits useful for reducing vascular access complications associated with hemodialysis therapy and prolonging the period of time for which a vascular access site can be used in a patient.

Classifications:

International (IPC 8-9): A61B17/132 A61F13/00 A61F2/06 A61K31/133 A61K31/137 A61K31/195 A61K31/197 A61K31/215 A61K31/275 A61K31/4045 A61K31/557 A61K31/722 A61K31/734 A61K33/06 A61K38/11 A61K38/16 A61K38/17 A61K38/22 A61K38/43 A61K38/48 A61K38/55 A61K45/00 A61K45/06 A61K47/36 A61K9/06 A61K9/08 A61K9/10 A61K9/107 A61K9/14 A61K9/70 A61L15/00 A61L15/44 A61L24/00 A61L26/00 A61L27/00 A61M A61M1/14 A61M1/16 A61M31/00 A61M37/00 A61M5/158 A61P13/12 A61P31/00 A61P31/04 A61P31/10 A61P31/12 A61P31/14 A61P31/16 A61P31/18 A61P7/02 A61P7/04 A61P7/08 A61P9/00 A61P9/08 A61P9/10 (Advanced/Invention); A61B5/02 A61F13/00 A61J1/10 (Advanced/Non-invention); A61K31/133 A61K31/137 A61K31/185 A61K31/275 A61K31/403 A61K31/557 A61K31/716 A61K31/734 A61K9/107 (Core/Invention); A61L A61M (Subclass/Invention)

International (IPC 1-7): A61M31/00 A61M37/00

CPC: A61M37/00 A61L15/44 A61L24/0015 A61L26/0066 A61L2300/418 A61M31/00

European: A61L15/44 A61L24/00H2 A61L26/00H2 A61M31/00 A61M37/00 K61L300/418

US: 514/802 514/802S 514/807 514/807S 514/834 514/834S 514/93 514/930 514/930S 600/490 602/48 602/49 602/50 602/52 602/53 604/290 604/290P 604/304 604/4.01 604/4.010P 604/5.01 604/5.02 604/5.03 604/5.04

PatBase - NZ546204_A

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Family:

Publication number	Publication date	Application number	Application date
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AU2011200046 AA	20110127	AU20110200046	20110106
AU2011200046 BB	20130110	AU20110200046	20110106
CA2538525 AA	20060309	CA20042538525	20040913
CA2538525 C	20130108	CA20042538525	20040913
EP1673134 A2	20060628	EP20040784111	20040913
EP1673134 A4	20070321	EP20040784111	20040913
HK1093167 A1	20070223	HK20060114245	20061228
HK1093167 A3	20070223	HK20060114245	20061228
IL174269 A0	20060801	IL20060174269	20060312
IL174269 A1	20130731	IL20040174269	20040913
JP2007504918 T2	20070308	JP20060526420T	20040913
JP2012097089 A2	20120524	JP20110263346	20111201
JP5547169 B2	20140709	JP20110263346	20111201
NZ546204 A	20091224	NZ20040546204	20040913
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US2012220958 AA	20120830	US20120415569	20120308
US8152750 BB	20120410	US20040940473	20040913
US8992453 BB	20150331	US20120415569	20120308
WO05027993 A2	20050331	WO2004US30142	20040913
WO05027993 A3	20050929	WO2004US30142	20040913

Priority:

US20030502878P	20030912	AU20040273867	20040913	US20040940473	20040913
JP20060526420	20040913	WO2004US30142	20040913	AU20110200046	20110106
US20120415569	20120308				

Probable Assignee: MARINE POLYMER TECHNOLOGIES INC**Assignee(s):** (std): MARINEPOLYMER TECH INC ; PARISER ERNST R ; VOURNAKIS JOHN M ; VOURNAKIS JOHN N ; FINKIELSZTEIN SERGIO**Assignee(s):** MARINE POLYMER TECHNOLOGIES INC**Inventor(s):** (std): VOURNAKIS JOHN N ; VOURNAKIS JOHN M ; PARISER ERNST R ; FINKIELSZTEIN SERGIO**Inventor(s):** VOURNAKIS JOHN ; PARISER ERNST ; ERNST R PARISER ; JOHN M VOURNAKIS ; SERGIO FINKIELSZTEIN**Agent(s):** PHILLIPS ORMONDE FITZPATRICK; OSLER HOSKIN AND HARCOURT LLP; VIVIEN CHAN AND CO; DR SHLOMO COHEN AND CO; JONES DAY**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK

DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ
LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU
SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: HEMOSTATIC MATERIAL

Abstract: A hemostatic powder comprises a chitosan salt together with at least one medical surfactant. At least one inert material may optionally be included. The hemostatic powder may be incorporated into wound dressings.

Classifications:

International (IPC 8-9): A01N43/04 A61K31/722 A61L15/28 A61L15/44 A61L26/00 A61P17/02 A61P7/00 (Advanced/Invention); A61K31/716 A61L15/16 A61L26/00 A61P17/00 A61P7/00 (Core/Invention); A61K A61L (Subclass/Invention)

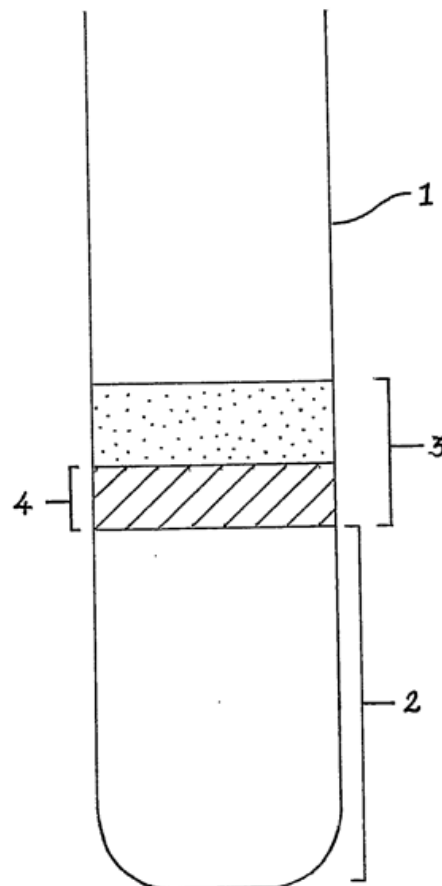
International (IPC 1-7): A61K31/722

CPC: A61K31/722 A61L15/28 A61L15/44 A61L26/0023 A61L26/0066 A61L2300/232 A61L2300/418 A61L2300/802 A61L2400/04

European: A61K31/722 A61L15/28 A61L15/44 A61L26/00B5 A61L26/00H2 K61L300/232 K61L300/418 K61L300/802 K61L400/04

US: 514/23 514/54 514/55 514/55P

PatBase - US2009149422_AA



Family:

Publication number	Publication date	Application number	Application date
AU2006329661 AA	20070705	AU20060329661	20061219
AU2006329661 BB	20121004	AU20060329661	20061219
BRPI0621164 A2	20111129	BR2006PI21164	20061219
CA2635381 AA	20080630	CA20062635381	20061219
CA2635381 C	20140218	CA20062635381	20061219
DE602006035466 D1	20130529	DE200660035466T	20061219
DK1976537 T3	20130701	DK20060831418T	20061219
EP1976537 A1	20081008	EP20060831418	20061219
EP1976537 B1	20130403	EP20060831418	20061219
ES2417501 T3	20130808	ES20060831418T	20061219
GB200526505 A0	20060208	GB20050026505	20051229
IN03870CN2008 A	20090313	IN2008CN03870	20080723
IN285055 B	20170714	IN2008CN03870	20080723
MY148836 A	20130614	MY20080002424	20061219
PT1976537 T	20130522	PT20060831418T	20061219
US2009149422 AA	20090611	US20060159624	20061219
US7981872 BB	20110719	US20060159624	20061219
WO07074327 A1	20070705	WO2006GB04776	20061219
ZA200806606 A	20100224	ZA20080006606	20061219

Priority:

GB20050026505 20051229 EP20060831418 20061219 WO2006GB04776 20061219

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Assignee(s): MEDTRADE PRODUCTS A CO OF UNITED KINGDOM LTD ; MEDTRADE PRODUCTS LIMITED

Inventor(s): (std): CRAIG HARDY ; HARDY CRAIG ; JOHNSON EDWIN LEE ; LEE JOHNSON EDWIN ; LUKSCH PAUL ; PAUL LUKSCH ; JOHNSON EDWIN

Inventor(s): LUKSCH PAUL SEATTLE ; JOHNSON EDWIN LEE SAMMAMISH ; EDWIN LEE JOHNSON

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; SPRUSON AND FERGUSON; MOFFAT AND CO; GLEISS GROSSE SCHRELL U PARTNER MBB PATENTANWAELTE RECHTSANWAELTE; WILSON GUNN; AZNAREZ PABLO; BARLOW JOSEPHS AND HOLMES LTD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM 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 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 ZA ZM ZW

Title: INFECTION-RESISTANT POLYURETHANE FOAMS, METHOD FOR PRODUCING THE SAME AND USE THEREOF IN ANTISEPTIC WOUND DRESSINGS

Abstract: The present invention describes microbicidal hydrophilic polyurethane foams endowed with polyhexamethylenebiguanide (PHMB) and/or its hydrochloride and also a superabsorbent, wound contact materials obtainable therefrom and processes for producing the therapeutically endowed polyurethane foams and the wound contact materials obtainable therefrom.

Classifications:

International (IPC 8-9): A01N A01N25/04 A01N25/10 A01N25/24 A01N37/52 A01N47/44 A01P1/00 A61F A61F13/02 A61K31/155 A61K31/785 A61K9/06 A61K9/70 A61L A61L15/00 A61L15/22 A61L15/26 A61L15/44 A61L15/46 A61L15/60 A61L26/00 A61L31/00 A61L33/06 C08J3/075 C08J9/00 C08J9/22 C08L101/14 C08L75/04 C08L79/00 C08L79/02 C09D5/14 (Advanced/Invention); A61F13/02 A61L15/00 A61L15/22 A61L15/44 A61L26/00 (Advanced/Non-invention); A01N25/24 A01N47/40 A61F13/02 A61K31/155 A61K31/74 A61K9/06 A61K9/70 A61L15/00 A61L15/16 A61L26/00 A61L31/00 A61L33/00 C08J9/00 C08L101/00 C08L75/00 C09D5/14 (Core/Invention); A01N A61F A61L (Subclass/Invention)
International (IPC 1-7): A61L15/44
CPC: C08G18/4825 C08G18/4841 C08G18/73 C08G2101/00 C08L75/08 A61L15/425 A01N25/10 A01N25/34 A01N47/44 A61L15/26 A61L15/44 A61L15/60 A61L2300/206 A61L2300/402 A61L2300/404 A61L2300/412 A61L2300/45 A61L26/008 A61L26/0066 A61L26/0085 A61L2300/106 A61L2300/406 A61L2300/408 A61L2300/418 C08L75/04
European: A01N25/10 A01N25/34 A01N47/44 A61L15/26 A61L15/42E A61L15/44 A61L15/60 K61L300/206 K61L300/402 K61L300/404 K61L300/412 K61L300/450
US: 424/405 424/405P 424/409 424/409P 424/78.06 424/78.0605 514/635 514/635S 604/304 604/360 604/368

PatBase - NZ555943_A

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Family:

Publication number	Publication date	Application number	Application date
AT410194 E	20081015	AT20050823229T	20051213
AU2005318512 AA	20060629	AU20050318512	20051213
AU2005318512 BB	20090924	AU20050318512	20051213
BRPI0519194 A2	20081230	BR2005PI19194	20051213
CA2591072 AA	20070618	CA20052591072	20051213
CA2591072 C	20130409	CA20052591072	20051213
CN101124001 A	20080213	CN200580048468	20051213
DE102004061406 A1	20060706	DE200410061406	20041221
DE502005005656 D1	20081120	DE200550005656T	20051213
DK1830896 T3	20090209	DK20050823229T	20051213
EA016503 B1	20120530	EA20070001183	20051213
EA200701183 A1	20080428	EA20070001183	20051213
EP1830896 A1	20070912	EP20050823229	20051213
EP1830896 B1	20081008	EP20050823229	20051213
ES2314746 T3	20090316	ES20050823229T	20051213
HK1116709 A1	20090102	HK20080106835	20080619
HK1116709 A3	20090102	HK20080106835	20080619
IL184007 A0	20071031	IL20070184007	20070618
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IN04792DN2007 A	20070817	IN2007DN04792	20070621
JP2008524410 T2	20080710	JP20070547262T	20051213
JP5201993 B2	20130605	JP20070547262T	20051213
KR20080004449 A	20080109	KR20077016242	20051213
MX2007007431 A1	20071004	MX20070007431	20051213
NO20073149 A	20070702	NO20070003149	20070620
NZ555943 A	20091224	NZ20050555943	20051213
PT1830896 T	20081222	PT20050823229T	20051213
US2010021514 AA	20100128	US20050722284	20051213
US2012156274 AA	20120621	US20120404543	20120224
US8147857 BB	20120403	US20050722284	20051213
WO06066752 A1	20060629	WO2005EP13340	20051213
ZA200704656 A	20090128	ZA20070004656	20070621

Priority:

DE200410061406 20041221 WO2005EP13340 20051213 US20070722284 20070620
 US20120404543 20120224

Probable Assignee: BAYER AG

Assignee(s): (std): BAYER INNOVATION GMBH ; DIETZE MELITA ; FUGMANN BURKHARD

Assignee(s): BAYER INNVOATION GMBH ; BAYER INTELLECTUAL PROPERTY GMBH ; BAYER AG

Inventor(s): (std): BURKHARD FUGMANN ; DIETZE MELITA ; FUGMANN BURKHARD ; MELITA DIETZE

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; LUETJENS
HENNING ET AL; CHINA PATENT AGENT HK LTD; REINHOLD COHN AND PARTNERS; KAWAGUTI AND
PARTNERS; BAKER DONELSON BEARMAN CALDWELL AND BERKOWITZ PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK
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PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM
ZW

Title: NOVEL AGENT FOR SALTING OUT ACTIVE PRINCIPLES IN DRESSINGS CONTAINING AT LEAST ONE OF FATTY SUBSTANCE

Abstract: The present invention relates to the use, as an agent for salting out an active substance in a composition for a dressing, of a copolymer of a salt of 2-methyl-2-[(1-oxo-2-propenyl)amino]-1-propanesulphonic acid and the 2-hydroxyethyl ester of propenoic acid. It also relates to dressings of the type comprising at least one fatty substance and/or an elastomeric matrix and at least one active substance, which incorporate the aforementioned copolymer.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61K A61K31/505
A61K31/70 A61K31/7016 A61K31/785 A61K33/38 A61K38/43 A61K47/32
A61L A61L15/16 A61L15/20 A61L15/22 A61L15/24 A61L15/40 A61L15/42
A61L15/44 A61P17/02 A61P23/02 A61P29/02
A61P31/04 (Advanced/Invention);
A61F13/00 A61F13/02 A61K31/505 A61K31/70 A61K31/7016 A61K31/74
A61K33/38 A61K47/32 A61L15/16 A61P17/00 (Core/Invention);
A61K A61L (Subclass/Invention)

CPC: A61L15/46 A61K31/505 A61K31/7016 A61K31/785 A61K45/06
A61L15/225 A61L15/44 A61L26/0052 A61L26/0066 A61L2300/602

European: A61K31/505 A61K31/7016 A61K31/785 A61K45/06
A61L15/22M A61L15/44 A61L15/46 A61L26/00B8 A61L26/00H2
K61L300/602

US: 424/484 424/484P 424/94.1 424/94.100S

PatBase - US2010285129_AA

Parent Application Publications Nov. 11, 2009 US 2010/0285129 A1

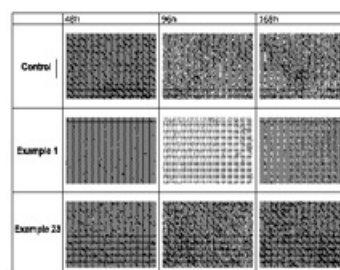


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
AT482726 E	20101015	AT20080805837T	20080523
AU2008259661 AA	20081211	AU20080259661	20080523
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BRPI0811948 A2	20141014	BR2008PI11948	20080523
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CA2687731 AA	20081211	CA20082687731	20080523
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CN101678146 A	20100324	CN200880017358	20080523
CN101678146 B	20121121	CN200880017358	20080523
DE602008002835 D1	20101111	DE200860002835T	20080523
DK2148703 T3	20110110	DK20080805837T	20080523
EP2148703 A1	20100203	EP20080805837	20080523
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ES2353851 T3	20110307	ES20080805837T	20080523
FR2916356 A1	20081128	FR20070055272	20070525
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KR20100016275 A	20100212	KR20097023179	20080523
MX2009012743 A1	20100315	MX20090012743	20080523
PT2148703 T	20101214	PT20080805837T	20080523
RU2009147169 A	20110627	RU20090147169	20080523
RU2448737 C2	20120427	RU20090147169	20080523
US2010285129 AA	20101111	US20080601718	20080523
WO08149036 A1	20081211	WO2008FR50893	20080523

Priority:

FR20070055272 20070525 WO2008FR50893 20080523

Probable Assignee: URGO RECHERCHE INNOVATION ET DEVELOPMENT

Assignee(s): (std): LAURENSOU CHRISTELLE ; URGO LAB ; URGO SOC PAR ACTIONS SIMPLIFIEE

Assignee(s): URGO RECHERCHE INNOVATION ET DEVELOPMENT ; URGO RECHERCHE INNOVATION ET DEVELOPPEMENT ; URGO LABORATORY ; LABORATOIRES URGO ; LABORATOIRES URGO SOCIETE PAR ACTIONS SIMPLIFIEE ; LABORATUAR URGO

Inventor(s): (std): CHRISTELLE LAURENSOU ; LORENSU KRISTEL ; LAURENSOU CHRISTELLE
Inventor(s): LORENSU KRISTEL'
Agent(s): SPRUSON AND FERGUSON; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; HUBERT PHILIPPE;
CABINET BEAU DE LOMENIE; NTD PATENT AND TRADE MARK AGENCY LTD; HAMRE SCHUMANN MUELLER
AND LARSON PC; HUBERT PHILIPPE 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
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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

Title: APPLICATION OF POLYMERIC MATERIALS TO SCREENS TO FACILITATE HEMOSTASIS AND WOUND HEALING

Abstract: This invention relates in general to a method and device for facilitating hemostasis and wound healing. In particular, the invention relates to the device comprising a polymeric material disposed on a scaffold that facilitates hemostasis and wound healing. Specifically, the invention contemplates the use of such scaffolds in conjunction with a negative pressure device

Classifications:

International (IPC 8-9): A61B17/12 A61F13/00 A61F13/02 A61K31/715 A61K31/717 A61K31/722 A61K31/734 A61K35/14 A61K38/00 A61K38/17 A61K38/36 A61K38/37 A61K38/39 A61K38/48 A61K45/00 A61L15/42 A61L15/44 A61M1/00 A61M27/00 A61M35/00 A61P17/02 A61P7/04 (Advanced/Invention);

A61F13/02 A61K31/716 A61K38/39 A61K38/43 A61M1/00 A61M27/00 A61P7/00 (Core/Invention)

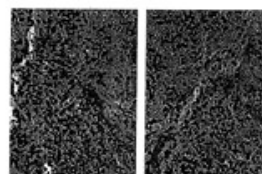
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European: A61F13/02 A61L15/28 A61L15/44 A61M1/00T6 K61F13/00J8A K61F13/00L1H1 K61F13/00L1H2 K61F13/00L1T K61L300/232 K61L300/418 K61L300/622 K61L400/04

US: 424/532 424/532S 424/94.64 424/94.640S 514/1.1 514/1.100S 514/12 514/13.7 514/13.700S 514/14.1 514/14.100S 514/54 514/54S 514/55 514/55S 514/57 514/57S 514/62 604/290 604/290P 604/304 604/313 604/313P 604/313S

PatBase - US2009149823_AA

Patent Application Publication Jun. 11, 2009 Sheet 1 of 6 US 2009/0149823 A1



Family:

Publication number	Publication date	Application number	Application date
AU2008275935 AA	20090122	AU20080275935	20080718
AU2014262261 AA	20141204	AU20140262261	20141114
AU2017202837 AA	20170518	AU20170202837	20170428
CA2688196 AA	20090122	CA20082688196	20080718
CA2688196 C	20140107	CA20082688196	20080718
EP2173297 A2	20100414	EP20080796288	20080718
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JP5766439 B2	20150819	JP20100517181T	20080718
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NZ581387 A	20120727	NZ20080581387	20080718
US2009149823 AA	20090611	US20080175777	20080718
US2011015586 AA	20110120	US20100761837	20100416
US2013310776 AA	20131121	US20130939533	20130711
US8486033 BB	20130716	US20100761837	20100416
WO09012438 A2	20090122	WO2008US70448	20080718
WO09012438 A3	20090319	WO2008US70448	20080718
WO11130479 A2	20111020	WO2011US32434	20110414
WO11130479 A3	20120308	WO2011US32434	20110414

Priority:

US20070959932P 20070718	AU20080275935 20080718	US20080175777 20080718
WO2008US70448 20080718	US20100761837 20100416	US20130939533 20130711
AU20140262261 20141114	AU20170202837 20170428	

Probable Assignee: BRIGHAM AND WOMEN S HOSPITAL INC

Assignee(s): (std): BRIGHAM AND WOMEN S HOSPITAL INC ; BRIGHAM AND WOMENS HOSPITAL ; FINKIELSZTEIN SERGIO ; ORGILL DENNIS P ; MARINE POLYMER TECHNOLOGIES ; PIETRAMAGGIORI GIORGIO ; MARINE POLYMER TECHNOLOGIES INC ; MARINEPOLYMER TECH INC ; PIETRAMAGGIORI GIORGIO ; BRIGHAM AND WOMENS HOSPITAL INC ; MARINE POLYMER TECH INC ; VOURNAKIS JOHN N

Assignee(s): THE BRIGHAM AND WOMEN S HOSPITAL INC ; THE BRIGHAM AND WOMENS HOSPITAL INC ; BRIGHAM AND WOMEN'S HOSPITAL INC

Inventor(s): (std): DENNIS P ORGILL ; FINKIELSZTEIN SERGIO ; ORGILL DENNIS P ; PIETRAMAGGIORI GIORGIO ; JOHN N VOURNAKIS ; GIORGIO PIETRAMAGGIORI ; PIETRAMAGGIORI GIORGIO ; VOURNAKIS JOHN N ; SERGIO FINKIELSZTEIN

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; RICHES MCKENZIE AND HERBERT LLP; LOCK GRAHAM JAMES; NUTTER MCCLENNEN AND FISH LLP; XIXIS GEORGE 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 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 RO RS RU 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

Title: COLLAGEN-RELATED PEPTIDES AND USES THEREOF

Abstract: The present invention relates to a collagen-related polypeptide (CRP) having hydrophobic amino acid groups at the N- and C-termini capable of non-covalent self-assembly into collagen mimetic triple helices and fibrils thereof and the synthesis, methods of use and compositions thereof.

Classifications:

International (IPC 8-9): A61F13/00 A61K36/39 A61K38/17 A61K38/39 A61K45/00 A61K47/02 A61K47/10 A61K47/14 A61K47/34 A61K47/36 A61K47/38 A61K9/00 A61K9/14 A61K9/70 A61L15/00 A61L15/16 A61L15/22 A61L15/26 A61L15/32 A61L15/42 A61L17/00 A61L26/00 A61L27/00 A61L27/24 A61L27/60 A61P17/02 A61P7/04 B29C39/00 B32B3/12 C07K14/78 C07K7/08 G01N33/566 G01N33/68 G01N33/86 (Advanced/Invention); C07K14/78 C12Q1/02 (Advanced/Non-invention); A61K36/185 A61K38/39 A61K9/00 A61L15/16 A61L27/00 A61P17/00 A61P7/00 B29C39/00 B32B3/12 C07K14/435 G01N33/566 G01N33/68 (Core/Invention)

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European: A61K38/39 A61L24/00H8 A61L24/04R A61L24/10 C07K14/00B C07K14/78 G01N33/86 K61K38/00 K61L400/04 S01N800/22B

US: 264/41 264/41S 424/423 424/423P 424/445 424/445P 428/158 428/158S 436/501 436/501S 514/1.1 514/1.100S 514/12 514/17.2 514/21.3 530/356

PatBase - US2009068246_AA

Patent Application Publication Mar. 12, 2009 US 2009/068246 A1

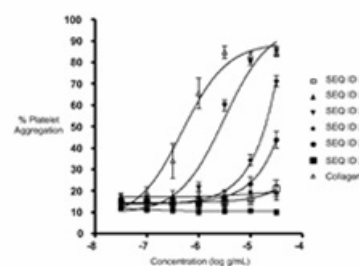


FIG. 1

Family:

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AU2010208150 AA	20100805	AU20100208150	20100129
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BRPI1007940 B1	20180703	BR2010PI07940	20100129
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CA2751132 C	20171212	CA20102751132	20100129
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CN102369026 B	20141217	CN201080015780	20100129
DE602008010923 D1	20120119	DE200860010923T	20080725
EP2183280 A2	20100512	EP20080796606	20080725
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IN03100KN2011 A	20120217	IN2011KN03100	20110721
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JP2012516219 T2	20120719	JP20110548325T	20100129
JP5566885 B2	20140806	JP20100520093T	20080725
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KR20100052499 A	20100519	KR20107004467	20080725
KR20110124248 A	20111116	KR20117019719	20100129
US2009068246 AA	20090312	US20080179778	20080725
US2010021527 AA	20100128	US20090362908	20090130
US8076294 BB	20111213	US20080179778	20080725
WO09018126 A2	20090205	WO2008US71136	20080725
WO09018126 A3	20090319	WO2008US71136	20080725
WO10088469 A2	20100805	WO2010US22517	20100129
WO10088469 A3	20110106	WO2010US22517	20100129

Priority:

US20070953354P 20070801 EP20080796606 20080725 US20080179778 20080725
 WO2008US71136 20080725 US20090362908 20090130 WO2010US22517 20100129

Probable Assignee: ETHICON INC

Assignee(s): (std): ATRM LLC ; CEJAS MABEL ALAMINO ; CEJAS MABEL ALARNINO ; ETHICON INC ; YANG CHUNLIN ; MARYANOFF BRUCE E ; KINNEY WILLIAM A ; MATALENAS THOMAS ; JOHN THOPPIL MATHEW

Assignee(s): ETHICON INC SOMERVILLE ; ADVANCED TECHNOLOGIES AND REGENERATIVE MEDICINE LL ; ADVANCED TECHNOLOGIES AND REGENERATIVE MEDICINE LLC

Inventor(s): (std): CHUNLIN YANG ; JOHN THOPPIL MATHEW ; KINNEY WILLIAM A ; CEJAS MABEL ALAMINO ; MARYANOFF BRUCE E ; MATALENAS THOMAS ; THOMAS MATALENAS ; YANG CHUNLIN ; THOPPIL MATHEW JOHN ; MATHEW JOHN THOPPIL ; CEJAS MABEL ALARNINO

Inventor(s): YANG CHUNLIN BELLE MEAD ; WILLIAM A KINNEY ; MATALENAS THOMAS BOUND BROOK ; MARYANOFF BRUCE E FOREST GROVE ; CEJAS MABEL ALAMINO ORELAND ; KINNEY WILLIAM A NEWTOWN ; MABEL ALAMINO CEJAS ; BRUCE E MARYANOFF

Agent(s): CALLINANS; SPRUSON AND FERGUSON; FISHER ADAMS KELLY CALLINANS; NORTON ROSE OR SENCRL SRL LLP; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; BOEHMERT AND BOEHMERT ANWALTSPARTNERSCHAFT MBB PATENTANWAELTE RECHTSANWAELTE; JAMES ANTHONY CHRISTOPHER W P; PHILIP S JOHNSON JOHNSON AND JOHNSON; JOHNSON PHILIP S 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 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 RO RS RU 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

Title: GELATIN SPONGE COMPRISING AN ACTIVE INGREDIENT, ITS PREPARATION AND USE

Abstract: The invention relates to an improved dry cross-linked gelatin sponge comprising a layer of an active ingredient, to methods of its preparation and uses thereof.

Classifications:

International (IPC 8-9): A61B17/132 A61F13/36 A61K38/00 A61K38/48 A61K47/42 A61K9/00 A61K9/70 A61L A61L15/32 A61L15/42 A61L15/44 A61L15/64 A61P7/04 (Advanced/Invention); A61B17/132 A61F13/36 A61L15/32 A61L15/44 (Advanced/Non-invention); A61L15/16 (Core/Invention); A61L (Subclass/Invention)

International (IPC 1-7): A61L15/32

CPC: A61K38/4833 A61L15/325 A61L2300/252 A61L2300/418

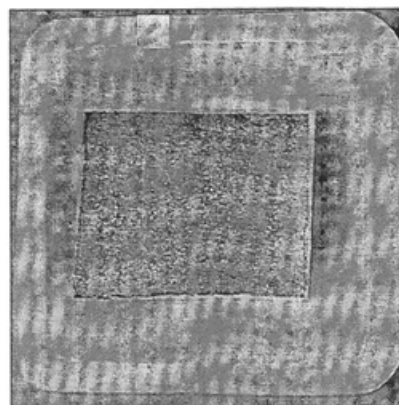
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A61L15/32 A61L15/44

European: A61L15/32 A61L15/32A A61L15/42E A61L15/44 K61L300/252 K61L300/418 K61L300/606

US: 1/1 424/400 424/400P 424/443 424/94.64 424/94.640S 530/354

PatBase - US2011045034_AA



Family:

Publication number	Publication date	Application number	Application date
AU2009220808 AA	20090911	AU20090220808	20090302
AU2009220808 BB	20140116	AU20090220808	20090302
CA2717571 AA	20090911	CA20092717571	20090302
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HK1149724 A1	20111014	HK20110104021	20110420
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KR20100132966 A	20101220	KR20107022065	20090302
US2011045034 AA	20110224	US20090920000	20090302
US2014120151 AA	20140501	US20130847898	20130320
US2015196680 AA	20150716	US20150615538	20150206
US2016136322 AA	20160519	US20150869311	20150929
US8475812 BB	20130702	US20090920000	20090302
US8981058 BB	20150317	US20130847898	20130320
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WO09109963 A1	20090911	WO2009IL00236	20090302

Priority:

EP20080102227 20080303	US20080033174P 20080303	EP20090717197 20090302
US20090920000 20090302	WO2009IL00236 20090302	IL20100207650 20100817
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Probable Assignee: OMRX BIOPHARMACEUTICALS LTD

Assignee(s): (std): BAR LILIANA ; NUR ISRAEL ; OMRX BIOPHARMACEUTICALS LTD ; SHEETRIT EYAL ; TOMER GUY

Inventor(s): (std): EYAL SHEETRIT ; GUY TOMER ; ISRAEL NUR ; LILIANA BAR ; TOMER GUY ; SHEETRIT EYAL ; NUR ISRAEL ; BAR LILIANA

Inventor(s): NUR ISRAEL MOSHAV TIMMORIM

Agent(s): CALLINANS; SPRUSON AND FERGUSON; FISHER ADAMS KELLY CALLINANS; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; MUELLER BORE AND PARTNER PATENTANWAELTE PARTG MBB; JAMES ANTHONY CHRISTOPHER W P; JAMES ANTHONY CHRISTOPHER WP; IZQUIERDO JOSE; CHINA PATENT AGENT HK LTD; REINHOLD COHN AND PARTNERS; PHILIP S JOHNSON JOHNSON AND JOHNSON; DAVID R; CHITLARU EDITH

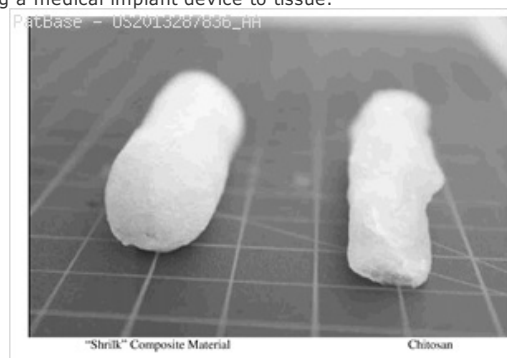
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TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: HIGH STRENGTH CHITIN COMPOSITE MATERIAL AND METHOD OF MAKING

Abstract: The present invention is directed to a composite laminar material with high mechanical strength and methods of fabricating the material. The invention also provides a method of attaching a medical implant device to tissue.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61F2/02 A61K38/36 A61K38/43 A61K45/00 A61K47/02 A61K47/06 A61K47/12 A61K47/30 A61K47/34 A61K47/36 A61K47/38 A61K47/42 A61K47/61 A61K9/70 A61L15/16 A61L15/18 A61L15/20 A61L15/22 A61L15/26 A61L15/28 A61L15/32 A61L15/38 A61L15/42 A61L15/44 A61L15/52 A61L15/64 A61L27/00 A61L27/02 A61L27/08 A61L27/10 A61L27/14 A61L27/20 A61L27/22 A61L27/24 A61L27/34 A61L27/40 A61L27/48 A61L27/50 A61L27/54 A61L27/56 A61L27/58 A61P1/02 A61P1/04 A61P17/02 A61P19/08 A61P25/04 A61P27/02 A61P29/00 A61P31/00 A61P31/04 A61P37/06 A61P43/00 B05D3/10 C08L1/02 C08L3/02 C08L5/00 C08L5/08 C08L5/10 C08L89/00 (Advanced/Invention) **CPC:** B05D3/104 A61L15/38 A61L15/425 A61L15/44 A61L15/52 A61L27/227 A61L27/48 A61L27/54 C08L1/02 C08L3/02 C08L5/00 C08L5/08 C08L5/10 C08L89/00 A61L27/24 A61L15/325 A61L15/28 A61L15/225 A61L27/20 A61L27/34 A61L27/56 **US:** 1/1 424/443 424/94.5 427/323 514/773



Family:

Publication number	Publication date	Application number	Application date
AU2011296133 AA	20120308	AU20110296133	20110830
AU2011296133 BB	20151217	AU20110296133	20110830
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CN103200971 B	20150930	CN201180052927	20110830
EP2611471 A2	20130710	EP20110822477	20110830
EP2611471 A4	20150422	EP20110822477	20110830
EP2611471 B1	20181003	EP20110822477	20110830
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JP2017012762 A2	20170119	JP20160151650	20160802
JP2018171515 A2	20181108	JP20180146396	20180803
JP6053682 B2	20161227	JP20130527187T	20110830
KR20130138763 A	20131219	KR20137007848	20110830
SG10201607262P A1	20161028	SG20161007262	20110830
SG188273 A1	20130430	SG20130013347	20110830
US2013287836 AA	20131031	US20110819391	20110830
US2016296665 AA	20161013	US20160142421	20160429
US9433698 BB	20160906	US20110819391	20110830
WO12030805 A2	20120308	WO2011US49702	20110830
WO12030805 A3	20120705	WO2011US49702	20110830

Priority:

US20100378056P	20100830	AU20110296133	20110830	JP20130527187T	20110830
JP20160151650	20110830	WO2011US49702	20110830	US20110819391	20110830
US20130819391	20130708	AU20150261681	20151127	US20160142421	20160429
JP20160151650	20160802				

Probable Assignee: PRESIDENT AND FELLOWS OF HARVARD COLLEGE

Assignee(s): (std): ASSOCIATION PRESIDENT AND RESEARCH FELLOW AT HARVARD UNIV ; FERNANDEZ JAVIER GOMEZ ; HARVARD COLLEGE ; INGBER DONALD E ; PRESIDENT AND FELLOWS OF HARVARD COLLEGE

Inventor(s): (std): FERNANDEZ JAVIER GOMEZ ; INGBER DONALD E ; JAVIER GOMEZ FERNANDEZ ; DONALD E INGBER

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; GOWLING LAFLEUR HENDERSON LLP; BROWN DAVID LESLIE; KAWAMOTO KAZUYA; SHIMIZU HATSUSHI; OSAKABE SUGURU; CANTAB IP PTE LTD; NIXON PEABODY LLP; RESNICK DAVID S ET AL

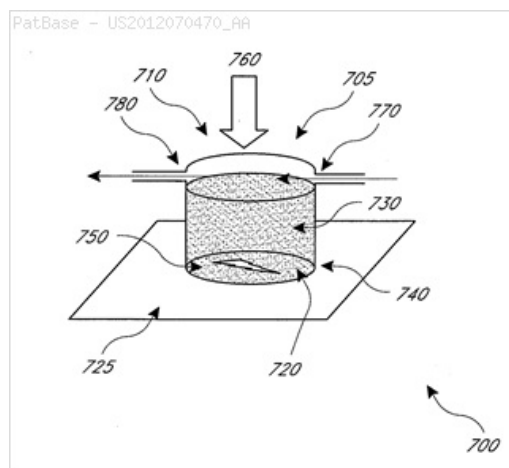
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Title: HEMOSTATIC COMPOSITIONS, DEVICES, AND METHODS

Abstract: Compositions that include a clay such as kaolin dispersed in a liquid such as water may be useful for promoting the clotting of blood. The compositions may be in a liquid, gel, paste, foam, or another form. Uses may include treating a traumatic injury such as in injury caused by a bullet, an explosive, a blade etc., or an injury caused during a medical procedure such as surgery.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/36 A61K33/06 A61K8/02 A61K9/14 A61K9/70 A61L15/28 A61L15/44 A61L15/60 A61L26/00 A61M11/00 A61M35/00 A61M37/00 A61M5/00 A61P7/04 (Advanced/Invention); B82Y5/00 (Advanced/Non-invention)
CPC: A61L26/004 A61K33/06 A61F13/00034 A61F13/00063 A61F13/36 A61F2013/00472 A61L26/0004 A61L26/0066 A61L26/0076 A61L2300/404 A61K9/14 A61M35/003 A61M11/007 A61M2202/064 A61L15/44 A61L15/28 A61L15/60 A61K8/0208 A61L2400/04 H05K999/99
European: A61F13/00A6 A61F13/36 A61K33/06 A61L26/00A A61L26/00H2 A61L26/00H6 K61F13/00L1H2 K61L300/404
US: 424/400 424/400P 424/401 424/445 424/446 424/489 424/684 424/684S 604/24 604/24S 604/500 604/58 604/93.01 604/93.010S 977/773 977/773S 977/915 977/915S

**Family:**

Publication number	Publication date	Application number	Application date
US2012070470 AA	20120322	US20110240795	20110922
US2014377362 AA	20141225	US20140479214	20140905
US2016120901 AA	20160505	US20160995592	20160114
US2017296579 AA	20171019	US20170641999	20170705
US2018271898 AA	20180927	US20180995672	20180601
US8858969 BB	20141014	US20110240795	20110922
US9889154 BB	20180213	US20160995592	20160114

Priority:

US20100385388P 20100922 US20110240795 20110922 US20140479214 20140905
 US20160995592 20160114 US20170641999 20170705 US20180995672 20180601

Probable Assignee: Z MEDICA LLC

Assignee(s): (std): MEDICA CORP Z ; MEDICA LLC Z ; Z MEDICA CORP ; Z MEDICA LLC ; PAHARI MOHAN PRASAD ; BASADONNA GIACOMO ; LO DENNY

Assignee(s): MADISON CAPITAL FUNDING LLC AGENT AS ; ABACUS FINANCE GROUP LLC ; TWIN BROOK CAPITAL PARTNERS LLC AGENT AS

Inventor(s): (std): BASADONNA GIACOMO ; JOHNSON BRENT A ; LO DENNY ; PAHARI MOHAN PRASAD

Agent(s): KNOBBE MARTENS OLSON AND BEAR LLP

Title: RESORBABLE LAPAROSCOPICALLY DEPLOYABLE HEMOSTAT

Abstract: The present invention is directed to a resorbable hemostatic nonwoven felt suitable for use in laparoscopic procedures and to methods for manufacturing said felt.

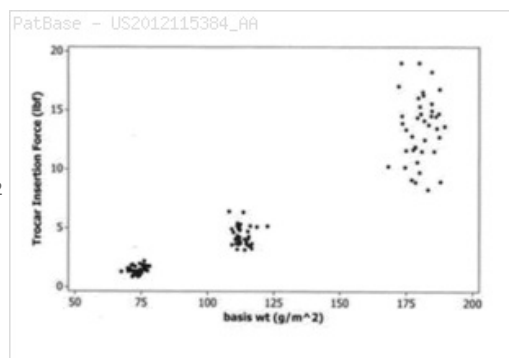
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International (ipc 8-9): A61B17/10 A61F13/00 A61F13/15 A61L A61L15/16 A61L15/28 A61L15/42 A61L15/44 A61L15/64 A61L31/00 D01G15/00 D04B1/14 D04B1/16 D04B21/00 D04H1/08 D04H1/425 D04H1/4258 D04H1/46 D06C15/00 D06M11/30 D06M11/64 D1G15/00 D4B21/00 D4H1/08 D6C15/00 (Advanced/Invention); D06M101/06 (Advanced/Non-invention)

CPC: A61F13/00012 A61F13/00987 A61L15/64 A61L15/44 A61L15/28 A61L2400/04 A61L2300/418 D04B1/14 D04H1/4258 D04H1/46 A61L15/42 Y10T442/51

European: D04B1/14 D04H1/4258 D04H1/46

US: 19/98 19/98S 28/108 28/108S 28/165 28/165S 28/171 28/218 28/247 442/321 442/321P 66/202 66/202S 8/405



Family:

Publication number	Publication date	Application number	Application date
AU2011326102 AA	20120518	AU20110326102	20111108
AU2011326102 BB	20151210	AU20110326102	20111108
CA2817533 AA	20130509	CA20112817533	20111108
CN103298436 A	20130911	CN201180064693	20111108
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CN107029276 A	20170811	CN201611213898	20111108
DE602011041170 D1	20171012	DE201160041170T	20111108
EP2638194 A2	20130918	EP20110839057	20111108
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ES2643662 T3	20171123	ES20110839057T	20111108
HK1238177 A1	20180427	HK20170112128	20171121
IN04137DN2013 A	20141121	IN2013DN04137	20130509
JP2014504898 T2	20140227	JP20130538817T	20111108
JP5968897 B2	20160810	JP20130538817T	20111108
KR101896230 B1	20180910	KR20137014481	20111108
KR20130101109 A	20130912	KR20137014481	20111108
MX2013005254 A1	20131030	MX20130005254	20111108
MX356346 B	20180523	MX20130005254	20111108
RU2013126439 A	20141220	RU20130126439	20111108
RU2581356 C2	20160420	RU20130126439	20111108
US2012115384 AA	20120510	US20110197972	20110804
US2017172805 AA	20170622	US20170450706	20170306
US10111782 BB	20181030	US20170450706	20170306
WO12064687 A2	20120518	WO2011US59696	20111108
WO12064687 A3	20120726	WO2011US59696	20111108

Priority:

US20100412120P 20101110 US20110197972 20110804 CN201180064693 20111108
EP20110839057 20111108 WO2011US59696 20111108 US20170450706 20170306

Probable Assignee: ETHICON LLC

Assignee(s): (std): CRAVEN THOMAS LEE ; DAY CLIFFORD ; DEY CLIFFORD ; ETHICON INC ; ETHICON LLC ; LOONEY DWAYNE ; FITZ BENJAMIN D ; GARG ATUL ; ETIKON INK

Assignee(s): ETHICON LLC SAN LORENZO

Inventor(s): (std): DEY CLIFFORD ; CRAVEN THOMAS LEE ; LOONEY DWAYNE ; FITZ BENJAMIN D ; GARG ATUL ; DAY CLIFFORD ; LUNI DUEJN ; KREJVEN TOMAS LI ; FITS BENDZHAMIN D ; DEJ KLIFORD ; FITZ BENJAMIN ; CRAVEN THOMAS

Inventor(s): CLIFFORD DEY ; THOMAS LEE CRAVEN ; BENJAMIN D FITZ ; ATUL GARG ; DWAYNE LOONEY

Agent(s): CALLINANS; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; MUELLER BORE AND PARTNER PATENTANWAELTE PARTG MBB; JAMES ANTHONY CHRISTOPHER WP; KIRSCH SUSAN EDITH; IZQUIERDO MARIA ALICIA; CHINA PATENT AGENT HK LTD; KATO MASANOBU; CRICHTON DAVID R; CRICHTON DAVID R 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 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

Title: HEMOSTATIC BIOABSORBABLE DEVICE WITH POLYETHYLENE GLYCOL BINDER

Abstract: A hemostatic pad comprising a bioabsorbable scaffolding material; a lyophilized thrombin powder, a lyophilized fibrinogen powder, and a meltable binder powder, with all powders disposed on the bioabsorbable scaffolding material. A meltable binder such as PEG bonds the lyophilized thrombin powder and the lyophilized fibrinogen powder to the bioabsorbable scaffolding material for improved friability, wettability and performance in a use, such as for hemostatic treatment or sealing at a wound site.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/15 A61K38/36 A61K38/48 A61K9/00 A61L15/22 A61L15/26 A61L15/28 A61L15/32 A61L15/38 A61L15/42 A61L15/64 A61P17/02 B05D1/02 B05D1/18 B05D3/02 B05D5/00 (Advanced/Invention)

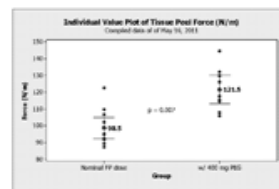
CPC: A61L15/42 A61K38/4833 A61L15/28 A61L15/32 A61L15/64 A61L2300/418 A61K2300/00 C08L71/02 C08L1/28 C08L67/04 A61L15/26 A61L2400/04 A61F13/00995 B05D1/18 B05D1/02 A61K38/363 A61K2121/00 A61L15/38 A61F13/15

US: 1/1 424/400 424/94.64 427/2.31 427/201

PatBase - US2013149343_AA

Patent Application Publication Jan. 13, 2013 Sheet 1 of 3 US 2013/0149343 A1

FIGURE 1



Family:

Publication number	Publication date	Application number	Application date
AU2012346104 AA	20130606	AU20120346104	20121128
AU2012346104 BB	20151112	AU20120346104	20121128
AU2015249039 AA	20151112	AU20150249039	20151027
AU2015249039 BB	20160623	AU20150249039	20151027
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BR112014013337 A8	20170620	BR20141113337	20121128
CA2857138 AA	20140527	CA20122857138	20121128
CN103957947 A	20140730	CN201280058779	20121128
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DE602012042168 D1	20180301	DE201260042168T	20121128
EP2785386 A1	20141008	EP20120795313	20121128
EP2785386 B1	20180117	EP20120795313	20121128
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JP2015500059 T2	20150105	JP20140544830T	20121128
JP6147760 B2	20170614	JP20140544830T	20121128
RU2014126807 A	20160210	RU20140126807	20121128
RU2627426 C2	20170808	RU20140126807	20121128
RU2646728 C1	20180306	RU20170100266	20121128
US2013149343 AA	20130613	US20110324115	20111213
US2015238366 AA	20150827	US20150707559	20150508
US9056092 BB	20150616	US20110324115	20111213
US9351883 BB	20160531	US20150707559	20150508
WO13082073 A1	20130606	WO2012US66737	20121128

Priority:

US20110566051P	20111202	US20110324115	20111213	AU20120346104	20121128
EP20120795313	20121128	WO2012US66737	20121128	US20150707559	20150508
AU20150249039	20151027				

Probable Assignee: ETHICON INC

Assignee(s): (std): ETHICON INC ; ETIKON INK ; PESNELL AARON D ; LLANOS GERARD

Assignee(s): ETHICON INC SOMERVILLE ; ETHICON INCP.O. BOX 151U.S. ROUTE 22SOMERVILLENJ08876US

Inventor(s): (std): AARON D PESNELL ; GERARD LLANOS ; LLANOS DZHERARD ; PESNELL AARON D ; LLANOS GERARD

Inventor(s): LLANOS GERARD STEWARTSVILLE ; PESNELL AARON D BELLE MEAD ; PESNELL AARON DUS ; LLANOS GERARDUS

Agent(s): CALLINANS; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; MUELLER BORE AND PARTNER PATENTANWAELE PARTG MBB; CARPMAELS AND RANSFORD LLP; IZQUIERDO MARIA ALICIA; KATO MASANOBU; OOO YURIDICHESKAYA GORODISSKIJ I

PARTNERY FA; DAVID R; LEO B; JOHNSON PHILIP S 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
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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

Title: DRY HAEMOSTATIC COMPOSITION

Abstract: Disclosed is a dry composition, which upon addition of an aqueous medium forms a substantially homogenous paste suitable for use in haemostasis procedures. The paste forms spontaneously upon addition of the liquid, hence no mechanical mixing is required for said paste to form. Further disclosed are methods of preparing said dry composition, a paste made from said dry composition and use of said paste for medical and surgical purposes.

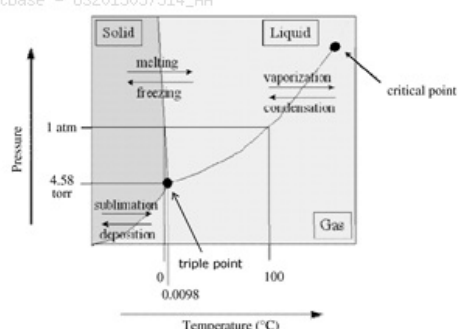
Classifications:

International (IPC 8-9): A61K31/047 A61K31/70 A61K38/01 A61K38/36 A61K38/48 A61K47/02 A61K47/10 A61K47/26 A61K47/36 A61K47/42 A61K9/06 A61K9/14 A61K9/16 A61K9/19 A61K9/70 A61L A61L15/16 A61L15/32 A61L15/44 A61L2/04 A61L2/08 A61L2/10 A61L2/20 A61L24/00 A61L24/10 A61L26/00 A61P17/02 A61P7/04 B65B1/04 B65D81/32 (Advanced/Invention); A61L2/07 (Advanced/Non-invention); A61L (Subclass/Invention)

CPC: B65B1/04 A61L2400/06 A61L2/04 A61L2/081 A61L2/082 A61L2/087 A61L2/10 A61L2/202 A61L2/204 A61L2/206 A61L2/208 A61L24/0015 A61L2300/254 A61L2400/04 A61L2/07 A61L24/0036 A61L2300/802 A61L26/0047 A61L26/0038 A61L26/0066 A61L26/00 B65D81/32 A61L2300/418 A61L24/104 A61K9/1658 A61K31/047 A61K31/70 A61K38/014

US: 1/1 206/568 422/1 424/94.64 514/774 53/469

PatBase - US2015037314_AA



Family:

Publication number	Publication date	Application number	Application date
AU2013275758 AA	20131219	AU20130275758	20130612
AU2013275758 BB	20150312	AU20130275758	20130612
BR112014030962 A2	20170627	BR20141130962	20130612
CA2874290 AA	20141120	CA20132874290	20130612
CN104349797 A	20150211	CN201380030067	20130612
CN104349797 B	20171027	CN201380030067	20130612
DE602013002749 D1	20151008	DE201360002749T	20130612
EP2825216 A1	20150121	EP20130732818	20130612
EP2825216 B1	20150819	EP20130732818	20130612
EP2977066 A2	20160127	EP20150180748	20130612
EP2977066 A3	20160727	EP20150180748	20130612
HK1205008 A1	20151211	HK20150105866	20150619
HK1205008 B	20160520	HK20150105866	20150619
IN10106DN2014 A	20150821	IN2014DN10106	20141127
JP2015519152 T2	20150709	JP20150516467T	20130612
JP6394916 B2	20180926	JP20150516467T	20130612
RU2014153857 A	20160810	RU20140153857	20130612
RU2636240 C2	20171121	RU20140153857	20130612
US2015037314 AA	20150205	US20140516728	20141017
US2016158407 AA	20160609	US20150980254	20151228
US2018243468 AA	20180830	US20180963795	20180426
US9265858 BB	20160223	US20140516728	20141017
US9999703 BB	20180619	US20150980254	20151228
WO13185776 A1	20131219	WO2013DK50191	20130612

Priority:

DK20120070319	20120612	US20120658586P	20120612	EP20130732818	20130612
WO2013DK50191	20130612	US20140516728	20141017	US20150980254	20151228
US20180963795	20180426				

Probable Assignee: FERROSAN MEDICAL DEVICES A S

Assignee(s): (std): FERROSAN MEDICAL DEVICES AS ; FERROSAN MEDIKAL DIVAJSIK AS

Assignee(s): FERROSAN MEDIKAL DIVAJSIK A S ; LARSEN KRISTIAN ; FERROSAN MEDICAL DEVICES A S ; FERROSAN MEDICAL DEVICES A SSYDMARKEN 5DK-2860SOBURGDK

Inventor(s): (std): KRISTIAN LARSEN ; LARSEN KRISTIAN

Inventor(s): LARSEN KRISTIANDK

Agent(s): FB RICE; FB RICE PTY LTD; GOWLING LAFLEUR HENDERSON LLP; STOLMAR AND PARTNER PATENTANWALTE PARTG MBB; HOEIBERG A S; ELLA CHEONG HONG KONG LTD; OOO YURIDICHESKAYA GORODISKIJ I PARTNERIYA; HAMILTON BROOK SMITH AND REYNOLDS PC

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 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 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

Title: POLYMER BASED HYDROGEL

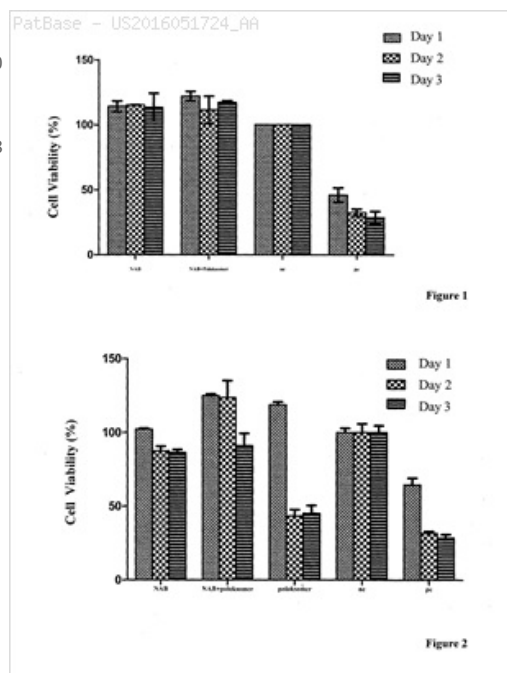
Abstract: The present invention relates to an anti-aging antimicrobial wound healing polymer based hydrogel. In the study of the present invention, a wound healing gel formulation is developed by combining poloxamer polymers and boron component at adequate concentrations in a carbopol based gel. The said gel exhibits fast action on the damaged area and prevents scar formation.

Classifications:

International (IPC 8-9): A61K33/22 A61K47/10 A61K47/30 A61K47/32 A61K47/34 A61K8/04 A61K8/19 A61K8/84 A61K9/00 A61K9/06 A61K9/70 A61L15/18 A61L15/22 A61L15/24 A61L15/26 A61L15/44 A61L15/46 A61L26/00 A61P17/02 A61P31/00 A61P43/00 A61Q17/00 A61Q19/08 C08K3/38 (Advanced/Invention)

CPC: C08K3/38 A61L26/0004 A61K8/84 A61K8/19 A61K8/042 A61Q19/08 A61Q17/005 C08K2003/387 A61L26/0019 A61L26/0066 A61L26/008 A61L2300/404 A61L2300/412 A61K8/90 A61K9/0014 A61K47/32 A61K47/34 A61L15/26 A61L15/44 A61L15/46 A61L2300/10 C08L71/02

US: 514/784



Family:

Publication number	Publication date	Application number	Application date
EP2983641 A1	20160217	EP20140737346	20140408
JP2016520558 T2	20160714	JP20160507522T	20140408
TR201304209 B	20160222	TR20130004209	20130408
US2016051724 AA	20160225	US20140783081	20140408
US9655990 BB	20170523	US20140783081	20140408
WO14168595 A1	20141016	WO2014TR00136	20140408

Priority:

TR20130004209 20130408 WO2014TR00136 20140408

Probable Assignee: YEDITEPE UNIVERSITESI

Assignee(s): (std): UNIV YEDITEPE ; YEDITEPE UNIV ; YEDITEPE UNIVERSITESI

Assignee(s): YEDITEPE UENIVERSITESI

Inventor(s): (std): DEMIRCI SELAMI ; DOGAN AYSEGUL ; SAHIN FIKRETTIN

Inventor(s): SELAMI DEMIRCI

Agent(s): DERICIOGLU KURT EKIN; TANAKA MITSUO; YAMAZAKI HIROSHI; GIZEM DILAN OEZMEN; GOKALP

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

Title: GAP-PATTERNED FOAM DRESSING AND METHOD OF MAKING SAME

Abstract: A gap-patterned wound dressing, including a patterned foam structure having a gap patterned side and a non-gap patterned side, wherein the gap patterned side includes a pattern of foam gaps disposed between foam areas dosed with honey, where the pattern of foam gaps is formed by the honey dosed areas; and wherein a wound in contact with the gap patterned side discharges an exudate which substantially collects in the individual ones of the foam gaps causing honey in the individual ones of the honey dosed areas to be substantially dispersed throughout a wound treatment zone.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61F13/15 A61K31/121

A61K33/38 A61K35/64 A61K35/644 A61K9/06 A61L15/18 A61L15/22

A61L15/24 A61L15/26 A61L15/40 A61L15/42 A61L15/44 A61L15/46

A61L15/58 A61L15/60 A61M27/00 B32B37/02 B32B37/06 B32B37/14

B32B37/20 B32B38/00 B32B38/08 B32B5/02 B32B5/18 B32B7/12

B65B3/04 (Advanced/Invention);

A61F13/00 (Advanced/Non-invention)

CPC: A61K35/644 A61F13/00042 A61F13/00991 A61F13/00021

A61F13/0209 A61F13/0223 A61F13/0253 A61L15/225 A61L15/44

A61L15/46 A61L15/58 A61L2300/404 A61L2300/41 B32B5/02 B32B5/022

B32B5/18 B32B7/12 B32B37/02 B32B37/06 B32B37/144 B32B37/203

B32B38/0004 B32B38/08 B32B2255/02 B32B2260/021 B32B2260/04

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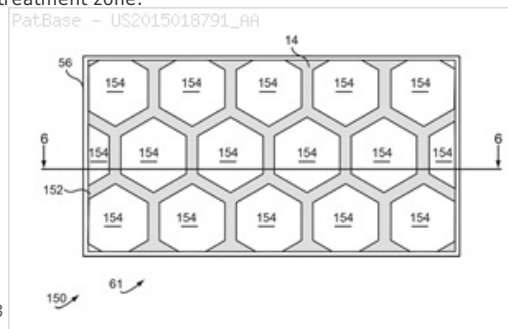
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A61F2013/0091 A61L15/18 A61L15/40 A61L15/425 A61L15/60 A61L15/24 A61L15/26 C08L23/06 C08L75/04 Y10T156/1052

US: 1/1 156/145 156/250 156/278 424/537 427/2.31 53/440 604/360 604/365 604/368 604/369 D24/189

Locarno class: 24/04



Family:

Publication number	Publication date	Application number	Application date
US2015018791 AA	20150115	US20130939829	20130711
US2015174284 AA	20150625	US20150642664	20150309
US2015342785 AA	20151203	US20150820915	20150807
US2015343001 AA	20151203	US20150824134	20150812
US9107974 BB	20150818	US20150642664	20150309
US9358256 BB	20160607	US20130939829	20130711
US9446079 BB	20160920	US20150824134	20150812
US9962458 BB	20180508	US20150820915	20150807
USD745690 S1	20151215	US20140511393F	20141210

Priority:

US20130939829 20130711 US20130939899 20130711 US20140511393F 20141210
 US20150642664 20150309 US20150820915 20150807 US20150824134 20150812

Probable Assignee: LINKS MEDICAL PRODUCTS INC

Assignee(s): (std): LINKS MEDICAL PRODUCTS INC

Inventor(s): (std): DEVENISH GREG ; PAYNE HOWARD KENNETH ; THAIN ANDREW ; DEVENISH GREGORY FRANK ; BUCKLEY THOMAS L

Agent(s): JERRY R; JAMES; JAMES R

Title: A WOUND DRESSING

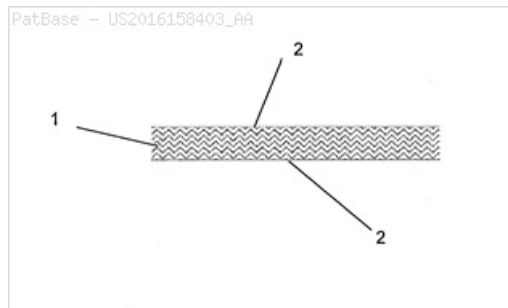
Abstract: The present invention relates to an impregnated wound dressing having an outer membrane overlay layer and to a method of production thereof. In particular the dressing comprises a core layer that has been impregnated with a wound healing agent, such as honey, and an outer membrane overlay layer.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/15 A61K33/38 A61K35/64 A61K35/644 A61K47/10 A61K47/14 A61K47/32 A61K47/34 A61K47/36 A61K47/38 A61K9/70 A61L15/20 A61L15/22 A61L15/24 A61L15/26 A61L15/28 A61L15/42 A61L15/44 A61L15/46 A61L15/60 A61P17/02 C08L67/02 C08L83/04 (Advanced/Invention)

CPC: A61K33/38 A61F13/00063 A61L15/46 A61L2300/404 A61K9/70 C08L67/02 C08L83/04 A61L15/28 A61L15/44 A61L15/20 A61L2300/802 A61K35/644 A61L15/26 A61L15/60 A61L2300/30

US: 424/445 424/537



Family:

Publication number	Publication date	Application number	Application date
AU2014287861 AA	20150115	AU20140287861	20140709
CA2917458 AA	20160105	CA20142917458	20140709
CN105592844 A	20160518	CN201480039597	20140709
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KR20160026976 A	20160309	KR20167000509	20140709
US2016158403 AA	20160609	US20140904027	20140709
WO15005803 A2	20150115	WO2014NZ00139	20140709
WO15005803 A3	20160506	WO2014NZ00139	20140709

Priority:

NZ20130613058 20130709 WO2014NZ00139 20140709

Probable Assignee: WATSON AND SON PARTNERSHIP LTD

Assignee(s): (std): MANUKAMED LTD

Assignee(s): ORANGANUI PARTNERSHIP LTD ; WATSON DENIS ERIC ; WATSON AND SON LTD ; WATSON AND SON PARTNERSHIP LTD ; MANUKAMED HOLDINGS PARTNERSHIP LTD ; MANUKAMED HOLDINGS PATNERSHIP LTD

Inventor(s): (std): WATSON DENIS ERIC

Agent(s): IN LEGAL LTD; AJ PIETRAS AND CO; GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; NEXUS LAW GROUP LLP

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 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

Title: HEMOSTATIC PRODUCTS

Abstract: A method of inducing hemostasis in a wound. A hemostatic product is applied to a wound. The hemostatic product includes at least one hemostasis component. The hemostatic product is retained with respect to the wound by positioning a hydrogel material at least partially over the hemostatic product. At least a portion of the hemostatic product is dissolved. Hemostasis is induced in the wound with the at least one hemostasis component. The hydrogel material is separated from the wound. Substantially all of the hemostatic product remains on the wound.

Classifications:

International (IPC 8-9): A61L A61L15/00 A61L15/10 A61L15/28 A61L15/44 A61L15/60 A61L26/00 (Advanced/Invention); A61L (Subclass/Invention)

CPC: A61L26/0066 A61L26/0023 A61L26/008 A61L2300/418 A61L2400/04 A61L15/28 A61L15/44 A61L15/60 C08L5/02

US: 424/400 424/443 424/94.64 514/13.7

Family:

Publication number	Publication date	Application number	Application date
AU2014348720 AA	20150521	AU20140348720	20141112
AU2014348720 BB	20180823	AU20140348720	20141112
CA2922991 AA	20160301	CA20142922991	20141112
EP3068446 A1	20160921	EP20140861975	20141112
EP3068446 A4	20170809	EP20140861975	20141112
IL244455 A0	20160421	IL20140244455	20141112
IN201647020047 A	20160831	IN201647020047	20160611
KR20160085267 A	20160715	KR20167012418	20141112
US2015132361 AA	20150514	US20140539351	20141112
US9555157 BB	20170131	US20140539351	20141112
WO15073539 A1	20150521	WO2014US65223	20141112

Priority:

US20130903100P 20131112 US20140539351 20141112 WO2014US65223 20141112

Probable Assignee: ST TERESA MEDICAL INC

Assignee(s): (std): ST TERESA MEDICAL INC

Assignee(s): FLOYD TIM ; MESSINA PHIL ; OLSON CURTIS

Inventor(s): (std): FLOYD TIM ; MESSINA PHIL ; OLSON CURTIS

Agent(s): FB RICE; FB RICE PTY LTD; MACPHERSON LESLIE AND TYERMAN LLP; MACLEAN MARTIN DAVID; MICHAEL A; MOSS AND BARNETT; BONDI MICHAEL

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

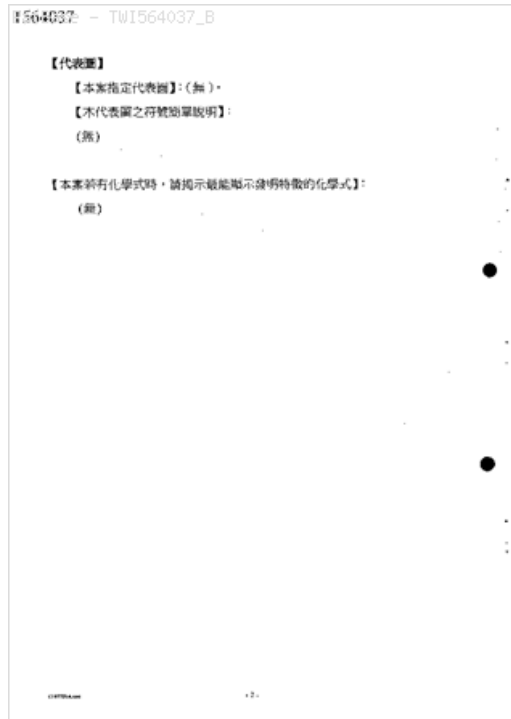
Title: MEDICAL DEVICE AND METHOD FOR THE PRODUCTION THEREOF

Abstract: A medical device in the form of a nonwoven wound dressing includes rotospun fibers including at least one synthetic and bioabsorbable polymer and at least one hydrophilic and/or tissue-adhesive polymer, and a method of producing the medical device including using rotospinning to produce fibers from a fiber raw material including at least one synthetic and bioabsorbable polymer and at least one hydrophilic and/or tissue-adhesive polymer.

Classifications:

International (IPC 8-9): A61F13/00 A61L15/22 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/42 A61L15/44 A61L15/56 A61L15/58 A61L15/64 D01D5/00 D04H1/4266 (Advanced/Invention)

CPC: A61L15/42 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/44 A61L15/56 A61L15/58 D01D5/00 A61L15/225 A61L15/64 A61L2400/04 A61L2400/12



Family:

Publication number	Publication date	Application number	Application date
CN106456823 A	20170222	CN201580007953	20150212
DE102014202578 A1	20150813	DE201410202578	20140212
EP3104900 A1	20161221	EP20150704006	20150212
JP2017507713 T2	20170323	JP20160551296T	20150212
KR20160120316 A	20161017	KR20167024954	20150212
RU2016134236 A	20180315	RU20160134236	20150212
RU2016134236 A3	20181005	RU20160134236	20152112
RU2016134236 A3	20181005	RU20160134236	20150212
TW201531311 A	20150816	TW20150104791	20150212
TWI564037 B	20170101	TW20150104791	20150212
US2017165394 AA	20170615	US20150118167	20150212
WO15121350 A1	20150820	WO2015EP52966	20150212

Priority:

DE201410202578 20140212 WO2015EP52966 20150212 RU20160134236 20152112

Probable Assignee: AESCULAP AG

Assignee(s): (std): AESCULAP AG ; FREUDENBERG CARL KG

Assignee(s): CARL FREUDENBERG KG

Inventor(s): (std): BARGON RAINER ; GRAFAHREND DIRK ; NEUMUELLER DANIEL ; ODERMATT ERICH ; REIBEL DENIS ; NEUMULLER DANIEL

Agent(s): PATENTANWALTE RUFF WILHELM BEIER DAUSTER AND PARTNER MBB; SIKS AND CO; PATENTANWALTE RUFF WILHELM BEIER DAUSTER AND PARTNER

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

Title: HYDROGEL COMPOSITIONS

Abstract: A hydrogel composition from a cross-linked polymer derived from one or more olefinically unsaturated polymerizable carboxylic monomers and a thermoplastic polyurethane composition is disclosed. The hydrogel exhibits high yield stress at low shear. The hydrogel composition provides useful materials for personal care, health care, medical and pharmaceutical applications, among others.

Classifications:

International (IPC 8-9): A61F13/02 A61K31/05 A61K31/125 A61K31/167 A61K47/32 A61K47/34 A61K8/02 A61K8/04 A61K8/81 A61K8/87 A61K9/00 A61K9/06 A61K9/107 A61L15/22 A61L15/24 A61L15/26 A61L15/42 A61L15/44 A61L15/60 A61L26/00 A61Q19/00 C08G18/48 C08G18/66 C08G18/76 C08K5/06 C08L33/00 C08L33/02 C08L33/08 C08L75/04 (Advanced/Invention)

International (IPC 1-7): A61K47/32 A61K47/34 A61K9/00 A61K9/06 A61L15/22 A61L15/60 A61L26/00

CPC: A61K9/0014 A61L15/60 A61L15/44 A61L26/0066 C08L33/08 C08L75/04 A61K8/042 A61Q19/00 A61K31/167 A61K31/05 A61K31/125 A61K47/34 A61K8/8141 A61K8/87 C08L33/02 A61K2800/48 A61L26/0052 A61K9/06 A61K47/32 A61L15/225 A61L26/008

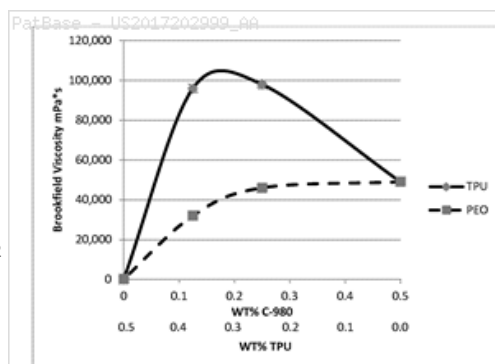


FIG. 1

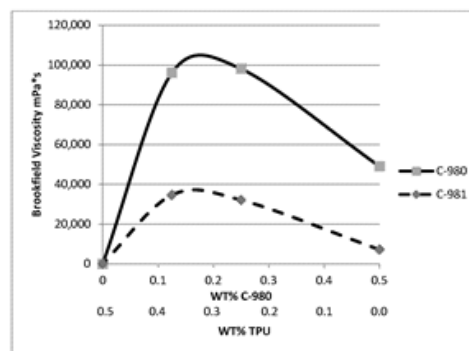


FIG. 2

Family:

Publication number	Publication date	Application number	Application date
BR112017000338 A2	20171107	BR20171100338	20150709
CN106687149 A	20170517	CN201580048250	20150709
EP3166650 A1	20170517	EP20150739463	20150709
IN201717001297 A	20170512	IN201717001297	20170112
JP2017521528 T2	20170803	JP20170501023T	20150709
KR20170028431 A	20170313	KR20177003581	20150709
MX2017000368 A1	20170512	MX20170000368	20150709
TW201609925 A	20160316	TW20150122301	20150709
US2017202999 AA	20170720	US20150324888	20150709
WO16007692 A1	20160114	WO2015US39649	20150709

Priority:

US20140022245P 20140709 US20150324888 20150709 WO2015US39649 20150709

Probable Assignee: LUBRIZOL ADVANCED MATERIALS INC

Assignee(s): (std): LUBRIZOL ADVANCED MAT INC

Assignee(s): LUBRIZOL ADVANCED MATERIALS INC

Inventor(s): (std): JAMES R BAXTER ; NANCY S MARCHANT ; PAUL M BASONE ; MARCHANT NANCY S ; BAXTER JAMES R ; BASONE PAUL M

Agent(s): DOMPATENT VON KREISLER SELTING WERNER PARTNERSCHAFT VON PATENT U RECHTSANWAELTEN MBB; TYRPAK MICHELE M 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 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

Title: POST-PROCEDURE SKIN CARE SYSTEMS, COMPOSITIONS, AND METHODS OF USE THEREOF

Abstract: Provided are topical biocompatible compositions including a topical wound healing composition, a topical soothing composition and epidermal/dermal wound healing/repair composition. Also provided are methods of using the biocompatible compositions for treating and/or preventing compromised, and methods for producing the biocompatible compositions.

Classifications:

International (IPC 8-9): A61K A61K31/19 A61K31/201 A61K31/718
A61K31/722 A61K33/06 A61K35/20 A61K36/48 A61K36/899 A61K38/00
A61K38/01 A61K38/16 A61K45/06 A61K47/36 A61K8/19 A61K8/26
A61K8/36 A61K8/64 A61K8/73 A61K8/89 A61K9/00 A61K9/06 A61K9/08
A61K9/12 A61K9/14 A61L15/18 A61L15/20 A61L15/28 A61L15/32
A61L15/44 A61L27/00 A61P A61P17/00 A61P17/02
A61Q19/00 (Advanced/Invention)

CPC: A61K38/168 A61K31/19 A61K31/722 A61K33/06 A61K45/06
A61K47/36 A61L15/18 A61L15/20 A61L15/28 A61L15/32 A61L15/44
A61L2300/102 A61L2300/21 A61L2300/232 A61L2300/252 A61K38/018
A61K9/0014 A61K36/48 A61K36/899 A61K8/19 A61K8/26 A61K8/36
A61K8/645 A61K8/732 A61K8/736 A61K2800/884 A61Q19/00 A61K9/06
A61K9/08 A61K9/14 A61L26/0066 A61L26/0076 A61L2300/404
A61L2300/41 A61L2300/418 A61K38/011

US: 1/1

PatBase - US9248160_BH



Subject pre-procedure

FIG. 1

Family:

Publication number	Publication date	Application number	Application date
BR102016015576 A2	20170131	BR20161015576	20160701
CA2935916 AA	20161021	CA20162935916	20160712
CN106390093 A	20170215	CN201610585492	20160722
EP3124033 A1	20170201	EP20160174860	20160616
HK1233528 A1	20180202	HK20170107361	20170721
IL246763 A1	20170131	IL20160246763	20160713
IN201624019265 A	20170203	IN201624019265	20160603
JP2017031135 A2	20170209	JP20160113662	20160607
JP6008457 B1	20161019	JP20160113662	20160607
MX2016009852 A1	20170220	MX20160009852	20160728
MX353942 B	20180207	MX20160009852	20160728
RU2016122026 A	20171207	RU20160122026	20160603
RU2640504 C2	20180109	RU20160122026	20160603
US9248160 BA	20160202	US20150811264	20150728

Priority:

US20150811264 20150728 JP20160113662 20160607

Probable Assignee: ZO SKIN HEALTH INC

Assignee(s): (std): ZO SKIN HEALTH INC

Assignee(s): OBAGI ZEIN E ; WOODIN FREDERICK W JR

Inventor(s): (std): FREDERICK W WOODIN JR ; OBAGI ZEIN E ; WOODIN FREDERICK W ; WOODIN FREDERICK W JR ; WOODIN JR FREDERICK W ; ZEIN E OBAGI

Agent(s): FASKEN MARTINEAU DUMOULIN LLP; LUNATI AND MAZZONI SRL; INSIGHT HK INTELLECTUAL PROPERTY LTD; REINHOLD COHN AND PARTNERS; RYBINOJ NA; VORYS SATER SEYMOUR AND PEASE LLP

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Title: MEDICAL DRESSING

Abstract: The invention provides medical dressing. The medical dressing comprises a dressing layer which is coated on a non-woven fabric piece or a gauze piece, and is characterized in that the dressing layer is formed by compounding an antibacterial layer, a healing promoting layer and a bleeding stopping layer, wherein medicine components of the bleeding stopping layer can be used for effectively shortening blood coagulation and bleeding time so that pains of wounded persons are greatly reduced, and time guarantee is provided for further treatment of medical personnel; antibacterial medicine components of the antibacterial layer can be used for carrying out sterilization treatment on wounds and problems that bacteria are bred on a gauze and wound infection is caused and the like are effectively solved; the effect medicine components of the healing promoting layer can be used for promoting rapid healing the wounds and guarantees are provided for the rapid healing of the wounds.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/36 A61L15/18 A61L15/20 A61L15/26 A61L15/28 A61L15/32 A61L15/38 A61L15/40 A61L15/42 A61L15/44 A61L15/46 B32B15/02 B32B15/14 B32B27/02 B32B27/36 B32B3/12 B32B33/00 B32B5/02 B32B5/08 B32B5/26 B32B9/02 B32B9/04 D02G3/04 D02G3/12 D03D15/00 (Advanced/Invention)

CPC: B32B5/02 A61F13/00008 A61F13/00029 A61F13/00034

A61F13/00063 A61F2013/00936 A61L15/26 A61L15/28 A61L15/32

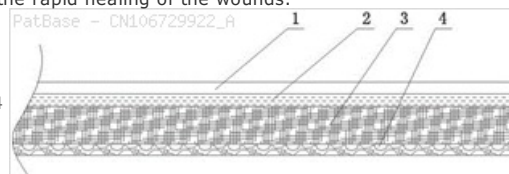
A61L15/38 A61L15/40 A61L15/44 A61L15/46 A61L2300/30 A61L2300/404

A61L2300/412 A61L2300/418 B32B5/022 B32B5/08 B32B5/26 B32B33/00 B32B2262/0276 B32B2262/062 B32B2262/065

B32B2262/103 B32B2262/14 D02G3/04 D02G3/12 D03D15/00 D03D15/0027 D10B2101/20 D10B2201/02 D10B2331/04

A61L15/18 A61L15/20 A61L2300/10 A61L2300/204 A61L2300/208 A61L2300/216 A61L2300/23 A61L2300/232 A61L2300/252

A61L2300/254 A61L2300/45



Family:

Publication number	Publication date	Application number	Application date
■ CN105311671 A	20160210	CN201510842009	20151128
■ CN106671504 A	20170517	CN201611037790	20161123
■ CN106729922 A	20170531	CN201611038319	20161123

Priority:

CN201510842009 20151128

Probable Assignee: ZHOU KUNYOU

Assignee(s): (std): XIAOGAN JIARUI APPLICATION TECH DEV CO LTD ; ZHOU KUNYOU

Assignee(s): ZHOUKUN YOU ; XIAOGAN JIARUI APPLICATION TECHNOLOGY DEVELOPMENT CO

Inventor(s): (std): GUO CUIFANG

Inventor(s): INVENTOR HAS WAIVED RIGHT TO BE MENTIONED

Title: MEDICAL BIO-FIBER HEMOSTATIC MODIFIED MATERIAL AND PREPARATION METHOD THEREOF

Abstract: The invention relates to a biomedical hemostatic material, in particular to a medical bio-fiber hemostatic modified material and a preparation method thereof. The medical bio-fiber hemostatic modified material comprises collagen protein and lasiosphaera seu calvatia spore powder, wherein collagen protein can quickly combine with hemoglobin in blood to form hemostatic blood clots, and after closely combining with a wound, collagen protein can permeate into a regenerated tissue to serve as a scaffold for cell growth; a great deal of micro-crater fibers are stored in the lasiosphaera seu calvatia spore powder, moisture in blood can be quickly absorbed, blood crevasses can be mechanically blocked, capillary hemorrhage can be mechanically stopped; besides, the two substances, namely the collagen protein and the lasiosphaera seu calvatia spore powder can form physical barriers, therefore the wound can be isolated, the functions of adhesion prevention and immediate hemostasis are realized, and the medical bio-fiber hemostatic modified material can be used for stopping blood oozing of wounds, fresh tissue wound surfaces, small vessels and bleeding regions, and can also be used for preventing adhesion.

Classifications:

International (IPC 8-9): A61L15/32 A61L15/40 A61L15/42 A61L15/44 A61L31/00 A61L31/04 A61L31/14 A61L31/16 (Advanced/Invention)

CPC: A61L15/325 A61L15/40 A61L15/425 A61L15/44 A61L26/0033 A61L26/0061 A61L26/0066 A61L26/0085 A61L31/005 A61L31/044 A61L31/14 A61L31/146 A61L31/16 A61L2300/252 A61L2300/30 A61L2300/418 A61L2400/04 C08L89/00

Family:

Publication number	Publication date	Application number	Application date
 CN105477676 A	20160413	CN201610043010	20160122

Priority:

CN201610043010 20160122

Probable Assignee: DONGGUAN DAQING MEDICAL DEVICES CO LTD

Assignee(s): (std): DONGGUAN DAQING MEDICAL DEVICES CO LTD ; GUANGXI DAQING BIOTECHNOLOGY CO LTD ; GUANGXI XINYE BIOLOGICAL TECH CO LTD

Assignee(s): GUANGXI XINYE BIOLOGICAL TECHNOLOGY CO ; DONGGUAN CITY HING MEDICAL DEVICES CO LTD ; DONGGUAN DAQING MEDICAL DEVICES CO ; GUANGXI DA QING BIOTECHNOLOGY CO LTD ; GUANGXI DAQING BIOTECHNOLOGY CO ; GUANGXI INDUSTRIAL BIOTECHNOLOGY CO LTD

Inventor(s): (std): LIANG YIFU

Title: DEVICE FOR WOUND DRESSING

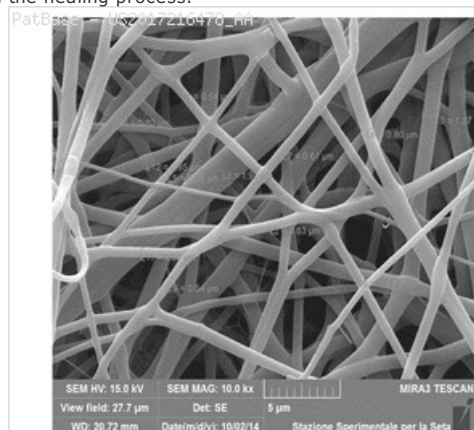
Abstract: A wound dressing device comprising at least one layer (2) of silk fibroin nanofibers and an absorbent component (4); the layer of fibroin nanofibers contacts the wound of the user and helps in the healing process.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61F13/15 A61L A61L15/18 A61L15/22 A61L15/26 A61L15/28 A61L15/32 A61L15/44 A61L15/46 A61L15/58 (Advanced/Invention); A61L (Subclass/Invention)

International (IPC 1-7): A61L15/32 A61L15/44 A61L15/46

CPC: A61L15/46 A61F13/00012 A61F13/0206 A61F13/0246 A61L15/28 A61L15/26 A61L15/18 A61L15/58 A61F13/15 A61L2300/404 A61F2013/00089 A61L15/32 A61F2013/15048 A61F2013/530343 A61L15/44 A61L2400/12



Family:

Publication number	Publication date	Application number	Application date
AU2015331990 AA	20160421	AU20150331990	20151016
BR112017007849 A2	20180116	BR20171107849	20151016
CA2963454 AA	20170403	CA20152963454	20151016
CN107106722 A	20170829	CN201580068180	20151016
EP3206725 A1	20170823	EP20150798194	20151016
IL251493 A0	20170529	IL20150251493	20151016
IN201737013950 A	20170825	IN201737013950	20170419
JP2017532178 T2	20171102	JP20170540337T	20151016
KR20170085504 A	20170724	KR20177012899	20151016
MX2017004844 A1	20180124	MX20170004844	20151016
RU2017116964 A	20181119	RU20170116964	20151016
US2017216478 AA	20170803	US20150518632	20151016
WO16059611 A1	20160421	WO2015IB57965	20151016

Priority:

EP20140189451 20141017 WO2015IB57965 20151016

Probable Assignee: LEONARDINO S R L

Assignee(s): (std): LEONARDINO S R L

Assignee(s): LEONARDINO SRL ; LORENZONI STEFANO

Inventor(s): (std): LORENZONI STEFANO ; STEFANO LORENZONI

Inventor(s): LORENZONI STEFANO

Agent(s): PATENT ATTORNEY SERVICES; ROBIC; GISLON GABRIELE; SOYUZPATENT OOO; GISLON GABRIELE 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 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

Title: REGENERATED OXIDIZED CELULOSE BASED HEMOSTATIC MATERIALCONTAINING ANTIFIBROLYTIC AGENTS

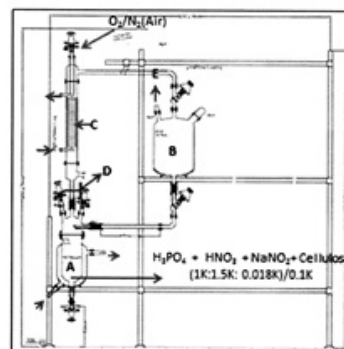
Abstract: In present invention oxidation method of viscon cellulose with NO₂ obtained H₃PO₄/HNO₃ is defined liquid and gas media. Regenerated oxidise cellulose (REOC in shorten term) contain in -COOH yields are standardised as 18.6-20.1 for textile, 19.8-21.5 percent for powder samples. Powder and textile (woven and fabric) products are impregnated 1.8-2.4 percent Ca⁺² ion, 0-1.1 percent Na⁺¹ ion, 0.8-1.5 percent tranexamic acid and 6-aminocaproic acid as antifibrinolytic. Obtained powder and gel products are impregnated Bi⁺³, Zn⁺² and Ag⁺¹ ions for antiseptic purposes. Only Bismuth of them is shown antibacterial effects. Also the aim of present invention is haemostat antimicrobial properties during impregnation of Rifampicin, Gatifloxacin, Doxycycline, Levofloxacin, Lincomycin, Clindamycin, Ciprofloxacin. Haemostatic properties are indicated for all products and antimicrobial properties are shown for some samples. Cytotoxicity, sensitivity and irritation properties are determined in compliance of Pharmacopeias.

Classifications:

International (IPC 8-9): A61K31/197 A61K31/496 A61K31/65 A61K33/24 A61L15/28 A61L15/42 A61L15/44 A61L26/00 (Advanced/Invention)

CPC: A61L15/42 A61L26/0061 A61L26/008 A61L2300/214 A61K33/245 A61K31/197 A61K31/65 A61L2300/216 A61L2300/406 A61K31/496 A61L26/0023 A61L15/28 A61L15/44 A61L26/0066 A61L2300/21 A61L2300/404 A61L2300/418 A61L2400/04

PatBase - US2018296723_AA
Figure-1:



Family:

Publication number	Publication date	Application number	Application date
US2018296723 AA	20181018	US20150568488	20150421
WO16171633 A1	20161027	WO2015TR00166	20150421

Priority:

WO2015TR00166 20150421

Probable Assignee: ERTAN MEVLUT

Assignee(s): (std): ERTAN MEVLUT

Inventor(s): (std): ERTAN MEVLUT

Agent(s): YALCINER UGUR G

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 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

Title: EFFECT OF GIANT SALAMANDER MUCUS FOR HEMOSTASIS

Abstract: The invention discloses an effect of giant salamander mucus for hemostasis and application of a giant salamander mucus extract in hemostatic drugs and hemostatic medical devices. The giant salamander mucus extract is used for bleeding caused by external injuries, bleeding caused by burns, bleeding caused by scalds and bleeding caused by surgery; pharmacological experiments indicate that the obtained giant salamander mucus extract has the very good hemostasis effect.

Classifications:

International (IPC 8-9): A61K35/65 A61L15/40 A61L15/44 A61L24/00 A61L26/00 A61P7/04 (Advanced/Invention)

CPC: A61K35/65 A61L15/40 A61L15/44 A61L24/0005 A61L24/0015 A61L26/0057 A61L26/0066 A61L2300/30 A61L2300/418 A61L2400/04

Family:

Publication number	Publication date	Application number	Application date
 CN106361776 A	20170201	CN201611008091	20161116

Priority:

CN201611008091 20161116

Probable Assignee: ZHANGJIAJIE JINGU SALAMANDER DEV CO LTD

Assignee(s): (std): ZHANGJIAJIE JINGU SALAMANDER DEV CO LTD

Assignee(s): ZHANGJIAJIE JINGU SALAMANDER DEVELOPMENT CO ; ANDRIAS DAVIDIANUS IN ZHANGJIAJIE IN FIREFLIES DEVELOPMENT CO LTD

Inventor(s): (std): LI JUNLIN

Title: SEALANT FORMULATION AND USES THEREOF

Abstract: The present invention relates to a sealant formulation comprising a blend containing fibrinogen and an exogenous activator of a member of a mammalian blood clotting cascade.

Classifications:

International (IPC 8-9): A61B17/00 A61L A61L15/32 A61L15/44
A61L24/00 A61L24/06 A61L24/10 A61L26/00

A61M5/31 (Advanced/Invention);
A61L (Subclass/Invention)

International (IPC 1-7): A61L15/32 A61L15/44 A61L24/00 A61L24/06
A61L26/00

CPC: A61L24/106 A61B17/00491 A61M5/3129 A61L15/32 A61L26/0042
A61L26/0066 A61L26/0076 A61L2300/252 A61L2300/254 A61L15/44
A61L24/0015 A61L24/06 A61L2300/418 A61L2400/04

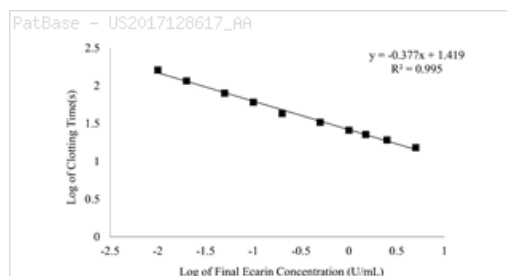


FIGURE 1

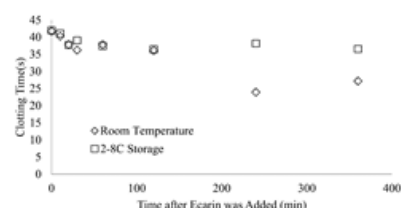


FIGURE 2

Family:

Publication number	Publication date	Application number	Application date
AU2016354134 AA	20170518	AU20160354134	20161108
BR112018009459 A2	20181113	BR20181109459	20161108
CA3005026 AA	20180510	CA20163005026	20161108
CN108463254 A	20180828	CN201680078672	20161108
EP3373986 A1	20180919	EP20160806338	20161108
IL259217 A0	20180731	IL20160259217	20161108
US2017128617 AA	20170511	US20160345722	20161108
WO17083248 A1	20170518	WO2016US60897	20161108

Priority:

US20150253950P 20151111 US20160345722 20161108 WO2016US60897 20161108

Probable Assignee: ETHICON INC

Assignee(s): (std): ETHICON INC

Assignee(s): GORMAN ANNE J ; DEANGLIS ASHLEY

Inventor(s): (std): DEANGLIS ASHLEY ; GORMAN ANNE J

Inventor(s): ANNE J GORMAN ; ASHLEY DEANGLIS

Agent(s): FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; NORTON ROSE FULBRIGHT CANADA LLP
SENCRL SRL; KIRSCH SUSAN EDITH; SHIRTZ JOSEPH F 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 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 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

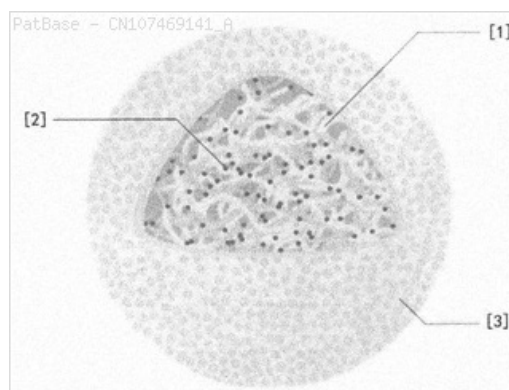
Title: MICRO SPONGE MEDICAL DRESSING AND PREPARATION METHOD THEREOF

Abstract: The invention belongs to the field of medicinal preparation, and particularly relates to a micro sponge medical dressing and a preparation method thereof. The prepared medical dressing is excellent in appearance, absorbs water rapidly, is strong in air permeability, stable, reliable, convenient to use, and suitable for stopping bleeding and nurse for daily injuries, surgical suture and field medic, and particularly has an excellent prospect on treating a part difficult to bind up and a large-area wound recovering slowly; the preparation method is simple and reliable, is mild in conditions and wide in scope of application, and is suitable for industrial production.

Classifications:

International (IPC 8-9): A61L15/28 A61L15/42 A61L15/44 A61L15/46 A61L15/64 A61L26/00 (Advanced/Invention)

CPC: A61L26/0023 A61L15/28 A61L15/42 A61L15/425 A61L15/44 A61L15/46 A61L15/64 A61L26/0066 A61L26/0085 A61L26/009 A61L2300/104 A61L2300/206 A61L2300/208 A61L2300/406 A61L2300/412 A61L2300/414 A61L2300/418 A61L2400/04 A61L26/0061



Family:

Publication number	Publication date	Application number	Application date
■ CN107469141 A	20171215	CN201710699279	20170809

Priority:

CN201710699279 20170809

Probable Assignee: UNIV CHINA PHARMA

Assignee(s): (std): CHINA PHARMACEUTICAL UNIV ; UNIV CHINA PHARMA

Inventor(s): (std): CHI CHENG ; DING YANG ; ZHOU JIANPING

Title: AUTO-ADHESIVE MEDICAL BANDAGE CAPABLE OF PREVENTING SKIN ALLERGY

Abstract: The invention discloses an auto-adhesive medical bandage capable of preventing skin allergy, belonging to the technical field of research and development of medical bandages. According to the invention, an air-permeable environment-friendly skin-friendly material is selected and used; a drug component added into the medical bandage can absorb and remove liquid and toxic substances exuding from a wound, so skin is maintained in an aseptic dry environment; force applied during pressurized binding can be adjusted, so good effect is obtained in hemostasis by compression, and a patient can easily accept the bandage; since the pressure of the auto-adhesive elastic bandage is adjustable, the bandage is good in air-permeability and adaptability, so a patient wrapped with the bandage feels comfortable and can conveniently perform small-scope movement; the bandage looks beautiful; and the bandage can be adjusted at will according to the thickness of a binding part and desired pressure, so local compression is uniform, the bandage is properly tight and has high comfort level, and the problem of skin allergy is avoided.

Classifications:

International (IPC 8-9): A61F13/00 A61L15/24 A61L15/28 A61L15/40 A61L15/42 A61L15/44 D01F1/10
D01F9/00 (Advanced/Invention)

CPC: A61L15/40 A61F13/00 A61F2013/00089 A61F2013/00293 A61L15/24 A61L15/28 A61L15/42 A61L15/44 A61L2300/30
A61L2300/418 A61L2400/04 D01F1/10 D01F9/00

Family:

Publication number	Publication date	Application number	Application date
■ CN107929798 A	20180420	CN201711150735	20171118

Priority:

CN201711150735 20171118

Probable Assignee: ANHUI YURAN WARP KNITTING TECH CO LTD

Assignee(s): (std): ANHUI YURAN WARP KNITTING TECH CO LTD

Assignee(s): ANHUI YURAN WARP KNITTING TECHNOLOGY CO ; ANHUI JADE VERSA WARP KNITTING TECHNOLOGY CO LTD

Inventor(s): (std): ZHANG MING

Title: MEDICAL FIRST AID RAPID CONDENSATION HEMOSTATIC GAUZE AND PREPARATION METHOD THEREOF

Abstract: The invention relates to the field of medical first aid materials, and discloses a medical first aid rapid condensation hemostatic gauze and a preparation method thereof. A gauze loaded with loose polyacrylamide is prepared; nonanol, n-pentadecane and graphene are mixed evenly to prepare a phase change refrigeration material; the phase change refrigeration material is mixed with aspirin, Pudilan fine powder, alginic acid and gelatin to prepare a paste material; the surface of the gauze loaded with the loose polyacrylamide is coated with the paste material, and packaging is conducted to obtain the rapid condensation hemostatic gauze. Compared with an ordinary hemostatic material, according to the hemostatic gauze, yarns coated with the loose polyacrylamide have excellent blood sucking and hemostasis effects, the coated phase change refrigeration material decelerates the blood flow to achieve rapid hemostasis, and the hemostatic gauze can effectively stop bleeding, reduce inflammation and relieve pain by adding auxiliary aspirin and Pudilan.

Classifications:

International (IPC 8-9): A61L15/18 A61L15/20 A61L15/24 A61L15/28 A61L15/32 A61L15/42 A61L15/44 (Advanced/Invention)

CPC: A61L15/24 A61L15/18 A61L15/20 A61L15/28 A61L15/325 A61L15/42 A61L15/44 A61L2300/21 A61L2300/30 A61L2300/402 A61L2300/41 A61L2300/418 A61L2400/04

Family:

Publication number	Publication date	Application number	Application date
 CN108295297 A	20180720	CN201810348497	20180418

Priority:

CN201810348497 20180418

Probable Assignee: CHENGDU NEW KELI CHEM SCI CO

Assignee(s): (std): CHENGDU NEW KELI CHEM SCI CO

Assignee(s): CHENGDU NEW KELI CHEMICAL SCIENCE CO ; KE LI CHENGDU CHEMICAL CO LTD

Inventor(s): (std): CHEN QING ; ZENG JUNTANG

Title: COMPOSITIONS HAVING ABSORBABLE MATERIALS, METHODS, AND APPLICATORS FOR SEALING INJURIES

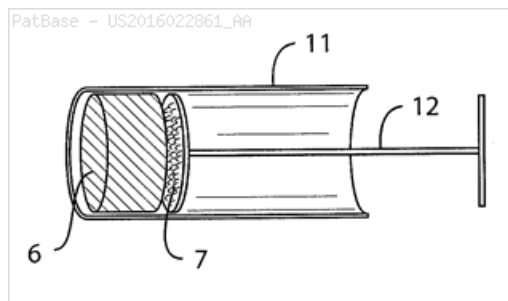
Abstract: Disclosed are solid and frozen haemostatic materials utilizing an absorbable scaffolding material and consisting essentially of a fibrinogen component and a fibrinogen activator. Also disclosed are methods of treating internal wounded tissue in a mammal by applying one or more of these haemostatic materials and dressings, particularly for the treatment of injured tissue via endoscopic or minimally-invasive surgical techniques.

Classifications:

International (IPC 8-9): A61B17/03 A61B17/12 A61F13/00 A61F13/02 A61F13/15 A61F13/26 A61L15/32 A61L15/44 A61L24/00 A61L24/10 (Advanced/Invention)

CPC: A61F13/2002 A61L2300/00 A61L2300/418 A61F13/266 A61L15/32 A61F13/26 A61F2013/2014 A61L24/0073 A61L24/0036 A61F2013/15008 A61F2013/15284 A61F2013/00357 A61L2300/60 A61F13/00034 A61F2013/00472 A61L24/0015 A61L24/0042 A61L24/106 A61L2400/04 A61F13/15 A61L15/44

US: 604/15 606/214



Family:

Publication number	Publication date	Application number	Application date
US2016022861 AA	20160128	US20140776721	20140315
US2016038347 AA	20160211	US20140776705	20140315
WO14145255 A1	20140918	WO2014US29988	20140315
WO14145271 A1	20140918	WO2014US30005	20140315

Priority:

US20130801393P 20130315 US20140776705 20140315 WO2014US29988 20140315
US20140776721 20140315 WO2014US30005 20140315

Probable Assignee: STB LTD

Assignee(s): (std): MACPHEE MARTIN ; STB LTD ; WILMER BELINDA ; BEALL DAWSON ; BRICHETTI JENNIFER

Assignee(s): HDG LP ; RESOURCE TRANSITION CONSULTANTS LLC

Inventor(s): (std): WILMER BELINDA ; MACPHEE MARTIN ; BRICHETTI JENNIFER ; BEALL DAWSON

Agent(s): VOS STRACHE KYLE

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 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

Title: ANTIMICROBIAL COMPOSITIONS AND METHODS OF MAKING THE SAME

Abstract: The present disclosure comprises antimicrobial compositions and devices comprising silver compounds that resist heat and light discoloration. In one aspect, the said compounds comprise silver and at least one s-triazine ring or moiety. In another aspect, the antimicrobial compositions are hydrogels that are effective against broad spectrum of common pathogens including MRSA and VRE and are suitable for treating human or animal wounds and burns. The methods of the present disclosure comprise treating medical and non-medical devices and articles with compositions comprising the silver compounds to impart antimicrobial property.

Classifications:

International (IPC 8-9): A01N59/16 A61F13/00 A61K31/555 A61K33/38 A61K47/02 A61K47/10 A61K47/30 A61K47/34 A61K47/38 A61K9/00 A61K9/06 A61K9/70 A61L15/20 A61L15/28 A61L15/44 A61L15/46 A61L15/60 A61L26/00 A61L27/52 A61L27/54 A61P17/00 A61P17/02 (Advanced/Invention)

CPC: A61K31/555 A61K47/02 A61K47/38 A61K47/10 A61L15/28 A61L15/20 A61K9/7007 A61K9/0014 A61K9/06 A61L15/44 A61L2300/404 A01N59/16 A61F13/00063 A61K33/38 A61L15/46 A61L15/60 A61L26/0066 A61L26/008 A61L27/52 A61L27/54 A61L2300/104 A01N25/04 A01N25/14 A01N25/22 A01N43/66

US: 424/488 514/184 544/181

Family:

Publication number	Publication date	Application number	Application date
AU2014260033 AA	20141106	AU20140260033	20140429
BR112015027380 A2	20170829	BR20151127380	20140429
CA2909223 AA	20151008	CA20142909223	20140429
CN105209049 A	20151230	CN201480010338	20140429
EP2991658 A1	20160309	EP20140791002	20140429
EP2991658 A4	20170104	EP20140791002	20140429
IN07281CN2015 A	20160701	IN2015CN07281	20151124
MX2015014898 A1	20160818	MX20150014898	20140429
TW201505639 A	20150216	TW20140115497	20140430
TWI640312 B	20181111	TW20140115497	20140430
US2015313912 AA	20151105	US20140652730	20140429
US2017296554 AA	20171019	US20170641146	20170703
US9757387 BB	20170912	US20140652730	20140429
WO14179353 A1	20141106	WO2014US35945	20140429

Priority:

US20130854850P 20130502 US20140967002P 20140308 US20140652730 20140429
 WO2014US35945 20140429 US20150652730 20150616 US20170641146 20170703

Probable Assignee: MEDICAL TECHNOLOGY RESEARCH INC

Assignee(s): (std): KARANDIKAR BHALCHANDRA M ; MEDICAL TECH RES INC ; MEDICAL TECHNOLOGY RES INC

Assignee(s): MEDICAL TECHNOLOGY RESEARCH INC

Inventor(s): (std): BHALCHANDRA M KARANDIKAR ; KARANDIKAR BHALCHANDRA M

Inventor(s): KARANDIKAR BHALCHANDRAM

Agent(s): AJ PARK; FASKEN MARTINEAU DUMOULIN LLP; THOMA MICHAEL; MCCOY RUSSELL LLP; MCCOY B ANNA

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

Title: THERMOPLASTIC ARTICLE WITH ODOR CONTROL SYSTEM

Abstract: Disclosed is an article for urine odor control. The article may be in the form of a film. The article is a homogeneous material may include a water-soluble polymer having an extrusion temperature of 50 to 150 C, and between 0.1 percent to 50 percent by weight of an odor-control system. The odor control system may include one or more the following: an enzyme inhibitor, an odor absorber, a blocking agent or an antimicrobial agent. The article may be placed in an absorbent member, wherein the absorbent member is a bandage, a medical drape, a wipe, a towel, a sheet, a pad, a pant or a diaper.

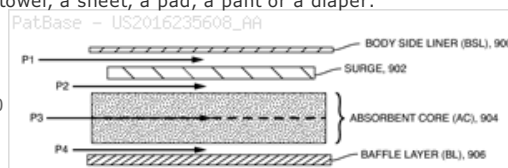
Classifications:

International (IPC 8-9): A01N25/10 A61F13/00 A61F13/02 A61F13/15 A61F13/515 A61F13/84 A61L15/18 A61L15/20 A61L15/22 A61L15/24 A61L15/26 A61L15/28 A61L15/44 A61L15/46 A61L15/62 A61L9/014 C08J3/20 C08J5/18 C08K13/02 C08K3/00 C08K3/10 C08K3/34 C08K5/00 C08K5/101 C08L29/04 C08L3/02 C08L31/04 (Advanced/Invention); C08L3/02 C08L67/00 C08L71/02 (Advanced/Non-invention)

International (IPC 1-7): A01N25/10

CPC: A61F13/15211 A61F2013/00642 C08L2205/03 C08J3/203 A61F13/515 A61L2300/404 A61L2300/408 A61L9/014 C08K3/34 C08K5/0058 C08K5/101 A61L2300/102 A61L2300/104 A61L15/225 A61L15/18 A61L15/20 A61F2013/8414 A61F2013/8408 A61F2013/8423 A61F2013/8435 B29C47/065 A61L2300/22 A61L2300/434 B29K2029/04 B29K2105/0029 C08J5/18 C08J2329/04 C08J2403/02 C08J2431/04 C08L29/04 A61L15/26 A61L15/28 A61F13/00063 A61L15/24 A61L15/22 A61L15/62 C08K3/015 C08L3/02 C08L31/04 A61F2013/15235 A61L2300/208 A61L2300/232 A61L2300/30 A61L2300/216 A61L15/46 A61F13/8405 A61F2013/530233 A61L15/44

US: 604/359 604/372



Family:

Publication number	Publication date	Application number	Application date
AU2014324632 AA	20150402	AU20140324632	20140929
AU2014324632 BB	20171019	AU20140324632	20140929
AU2014324688 AA	20150402	AU20140324688	20140926
AU2014324688 BB	20171005	AU20140324688	20140926
AU2015322043 AA	20160331	AU20150322043	20150401
BR112016005703 A2	20170801	BR20161105703	20140926
BR112016006438 A2	20170801	BR20161106438	20140929
BR112017004071 A2	20171128	BR20171104071	20150401
EP3052149 A1	20160810	EP20140848585	20140926
EP3052149 A4	20170628	EP20140848585	20140926
EP3052564 A1	20160810	EP20140849766	20140929
EP3052564 A4	20170628	EP20140849766	20140929
EP3197274 A1	20170802	EP20150845073	20150401
EP3197274 A4	20180411	EP20150845073	20150401
KR20160064137 A	20160607	KR20167009807	20140926
KR20160064189 A	20160607	KR20167011214	20140929
KR20170063600 A	20170608	KR20177007821	20150401
MX2016004010 A1	20160602	MX20160004010	20140929
MX2016004069 A1	20160606	MX20160004069	20140926
MX2017002356 A1	20170517	MX20170002356	20150401
US2016235608 AA	20160818	US20140025435	20140929
US2016263272 AA	20160915	US20140032235	20140926
US2018207313 AA	20180726	US20150514694	20150401
WO15048505 A1	20150402	WO2014US57798	20140926
WO15048614 A1	20150402	WO2014US57967	20140929
WO16048413 A1	20160331	WO2015US23866	20150401

Priority:

US20130884574P	20130930	US20130909256P	20131126	WO2014US57798	20140926
US20140032235	20140926	US20140025435	20140929	WO2014US57967	20140929
US20150514694	20150401	WO2015US23866	20150401		

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC

Inventor(s): (std): ANDREW MARK LONG ; ANUNSON PAIGE N ; DAVID J TYRRELL ; DAVID JOHN TYRRELL ; DAVID WILLIAM KOENIG ; JOHN GAVIN MACDONALD ; KOENIG DAVID WILLIAM ; KROLL LISA ; LISA KROLL ; LONG ANDREW MARK ; MACDONALD JOHN GABIN ; MACDONALD JOHN GAVIN ; PAIGE N ANUNSON ; PEIGUANG ZHOU ; REBECCA A VONGSA ; REBECCA ANN VONGSA ; SHIMING ZHUANG ; TYRELL DAVID J ; TYRRELL DAVID J ; TYRRELL DAVID JHON ; TYRRELL DAVID JOHN ; VONGSA REBECCA A ; VONGSA REBECCA ANN ; ZHOU PEIGUANG ; ZHUANG SHIMING

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; SPRUSON AND FERGUSON; LEES GREGORY ALEXANDER; DAVIES CHRISTOPHER ROBERT; STOKER DENISE L 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 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

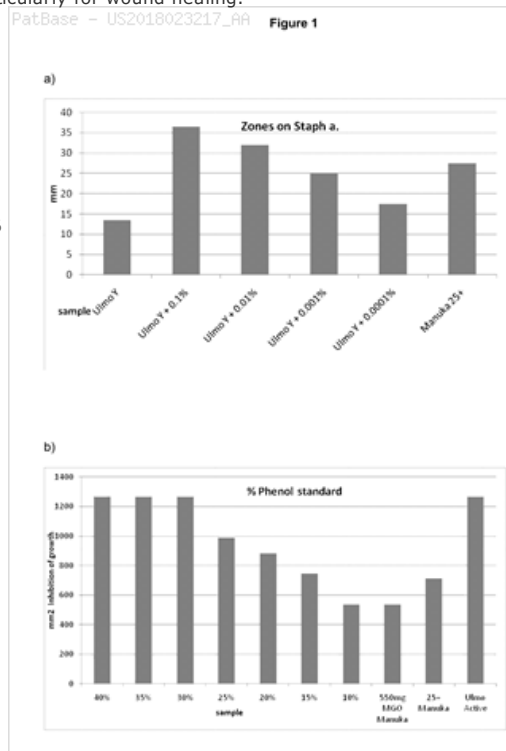
Title: ANTIMICROBIAL FIBERS AND COMPOSITIONS

Abstract: Fibers for generating antimicrobial activity are described. The fibers comprise an enzyme that is able to convert a substrate to release hydrogen peroxide, and an unrefined natural substance that includes a substrate for the enzyme, wherein the enzyme is additional to any enzyme activity able to convert the substrate to release hydrogen peroxide that may be present in the unrefined natural substance. In the presence of sufficient free water, the enzyme converts the substrate to release hydrogen peroxide, which is effective against a wide range of microbes. Wound dressings and compositions comprising the fibers are also described, as is use of the fibers, wound dressings and compositions, particularly for wound healing.

Classifications:

International (IPC 8-9): A01N25/34 A01N63/00 A61K33/40 A61K38/44 A61K47/10 A61K47/20 A61K47/26 A61K47/32 A61K47/34 A61K47/36 A61K47/42 A61K47/44 A61K47/46 A61K9/14 A61K9/20 A61K9/70 A61L A61L15/20 A61L15/22 A61L15/24 A61L15/26 A61L15/28 A61L15/34 A61L15/38 A61L15/40 A61L15/42 A61L15/44 A61L15/46 A61P17/02 A61P29/00 A61P31/00 A61P31/04 A61P43/00 D01D5/04 D01F1/10 D01F4/00 D01F9/00 D04H1/728 (Advanced/Invention); C12N11/02 C12P3/00 (Advanced/Non-invention)

CPC: A61L15/24 A61L15/26 A61L15/425 A61L2300/232 A61L15/42 D01F4/00 A61L15/38 A61K38/443 A01N63/00 C12Y101/03004 A61K47/46 D01F9/00 A61K9/70 A01N25/34 A61L15/44 D10B2509/022 A61L15/40 A61L15/46 A61L2300/11 A61L2300/254 A61L2300/404 A61L2400/12

**Family:**

Publication number	Publication date	Application number	Application date
AU2016214119 AA	20160811	AU20160214119	20160203
BR112017016545 A2	20180410	BR20171116545	20160203
CA2975197 AA	20170727	CA20162975197	20160203
CN107708752 A	20180216	CN201680020338	20160203
EP3253424 A1	20171213	EP20160711333	20160203
GB201501805 A0	20150318	GB20150001805	20150203
GB201508311 A0	20150624	GB20150008311	20150514
GB201509652 A0	20150715	GB20150009652	20150603
GB201513046 A0	20150909	GB20150013046	20150723
GB201518258 A0	20151202	GB20150018258	20151015
GB201519484 A0	20151216	GB20150019484	20151104
GB201520771 A0	20160106	GB20150020771	20151124
GB201522450 A0	20160203	GB20150022450	20151218
GB201711217 A0	20170823	GB20170011217	20160203
GB2550301 A1	20171115	GB20170011217	20160203
HK1246699 A1	20180914	HK20180106171	20180511
IN201717030372 A	20171201	IN201717030372	20170828
JP2018507033 T2	20180315	JP20170540823T	20160203
US2018023217 AA	20180125	US20160547972	20160203
WO16124926 A1	20160811	WO2016GB50253	20160203
WO16124926 A9	20161103	WO2016GB50253	20160203

Priority:

GB20150001805 20150203	GB20150008311 20150514	GB20150009652 20150603
GB20150013046 20150723	GB20150018258 20151015	GB20150019484 20151104
GB20150020771 20151124	GB20150022450 20151218	WO2016GB50253 20160203

Probable Assignee: HEALING HONEY INT LTD

Assignee(s): (std): HEALING HONEY INT LTD ; MATOKE HOLDINGS LTD

Assignee(s): STAPLES IAN ; SALIB RAMI ; ELDER IAIN ; PATTON THOMAS ; KERSHAW DAVID ; BARRETT JOHN REGINALD ; BRENNAN JAMES ; CALLAGHAN ANNETTE ; DRYDEN MATTHEW

Inventor(s): (std): BARRETT JOHN REGINALD ; BRENNAN JAMES ; CALLAGHAN ANNETTE ; DRYDEN MATTHEW ; ELDER IAIN ; KERSHAW DAVID ; PATTON THOMAS ; SALIB RAMI ; STAPLES IAN ; THOMAS PATTON ; RAMI SALIB ; MATTHEW DRYDEN ; JOHN REGINALD BARRETT ; JAMES BRENNAN ; IAN STAPLES ; IAIN ELDER ; DAVID

KERSHAW ; ANNETTE CALLAGHAN

Agent(s): AJ PARK; PIASETZKI NENNIGER KVAS LLP; CARRIDGE ANDREW EDWARD; CLT PATENT AND TRADEMARK
HK LTD; THORNTON NEIL

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
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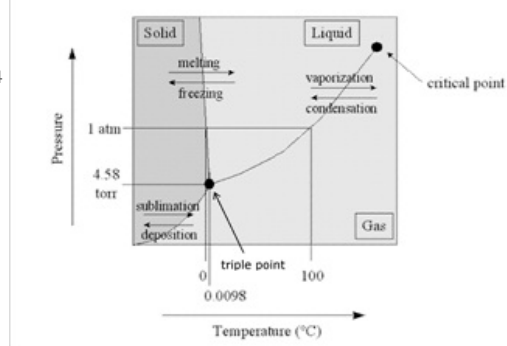
Title: DRY COMPOSITION COMPRISING AN EXTRUSION ENHANCER

Abstract: Disclosed is a dry composition comprising one or more polyols, which upon addition of an aqueous medium forms a substantially homogenous paste suitable for use in haemostasis procedures. The paste reconstitutes spontaneously upon addition of the liquid; hence no mechanical mixing is required for said paste to form. The composition may further comprise an extrusion enhancer, such as albumin. Also disclosed are methods of preparing said dry composition, a paste obtained from said dry composition and uses of said dry composition or paste for medical and surgical purposes.

Classifications:

International (IPC 8-9): A61K38/00 A61K38/17 A61K38/48 A61K45/00 A61K47/04 A61K47/10 A61K47/36 A61K9/06 A61K9/19 A61K9/70 A61L A61L15/32 A61L15/60 A61L24/00 A61L24/10 A61L26/00 A61P17/02 A61P19/04 A61P19/08 A61P7/04 (Advanced/Invention)
CPC: A61L26/0066 A61L26/0052 A61L26/0047 A61L26/0019 A61L2430/34 A61L2300/418 A61L2300/254 A61L26/0038 A61L2400/04 A61L24/0036 A61L24/104 A61L26/0009 A61L26/0085
US: 424/400 424/94.64

Figure 1 US2016354512_AA



Family:

Publication number	Publication date	Application number	Application date
AU2014361291 AA	20150618	AU20140361291	20141210
AU2014361291 BB	20171130	AU20140361291	20141210
BR112016013322 A2	20170808	BR20161113322	20141210
CA2928963 AA	20160427	CA20142928963	20141210
CN105828844 A	20160803	CN201480066866	20141210
DE602014030170 D1	20180906	DE201460030170T	20141210
EP3079731 A1	20161019	EP20140828009	20141210
EP3079731 B1	20180808	EP20140828009	20141210
HK1229269 A1	20171117	HK20170103096	20170327
IN201617016213 A	20160831	IN201617016213	20160510
JP2017507897 T2	20170323	JP20160525873T	20141210
RU2016125870 A	20180115	RU20160125870	20141210
US2016354512 AA	20161208	US20140102994	20141210
US10111980 BB	20181030	US20140102994	20141210
WO15086028 A1	20150618	WO2014DK50421	20141210

Priority:

DK20130070758 20131211 EP20140828009 20141210 WO2014DK50421 20141210

Probable Assignee: FERROSAN MEDICAL DEVICES A S

Assignee(s): (std): FERROSAN MEDICAL DEVICES AS

Assignee(s): LARSEN KRISTIAN ; FERROSAN MEDICAL DEVICES A S

Inventor(s): (std): LARSEN KRISTIAN

Inventor(s): KRISTIAN LARSEN

Agent(s): FB RICE; FB RICE PTY LTD; GOWLING WLG CANADA LLP; HOEIBERG A S; HOEIBERG P S; SPRUSON AND FERGUSON HONG KONG LTD; HAMILTON BROOK SMITH AND REYNOLDS PC

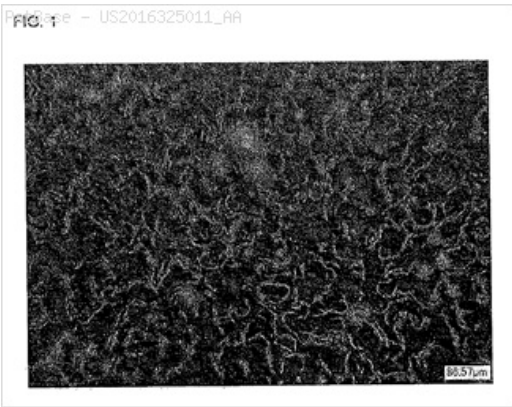
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW 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

Title: AQUEOUS DISPERSION FOR SOLIDIFYING SERUM AND BLOOD

Abstract: A novel hemostatic material (aqueous dispersion) that can be applied by a simple method of application in the form of a liquid or a spray mist to a bleeding wound surface, exhibits an excellent solidifying action on all of plasma, serum, and blood, and achieves a hemostatic effect quickly and easily. An aqueous dispersion comprising insoluble polysaccharides having an average fiber diameter of 0.001 to 100 micro m and a ratio (L/D) of an average fiber length (L) to an average fiber diameter (D) of 5 to 500, wherein the aqueous dispersion causes plasma, serum, or blood to solidify under contact with plasma, serum, or blood.

Classifications:

International (IPC 8-9): A61K31/195 A61K31/375 A61K31/715 A61K31/716 A61K31/717 A61K31/718 A61K31/721 A61K31/722 A61K31/724 A61K31/728 A61K31/732 A61K31/733 A61K31/734 A61K31/736 A61K31/765 A61K38/48 A61K45/00 A61K47/18 A61K47/32 A61K47/36 A61K47/38 A61K47/40 A61K47/42 A61K9/10 A61K9/12 A61K9/70 A61L15/16 A61L15/28 A61L26/00 A61P17/02 A61P41/00 A61P43/00 A61P7/04 C08G65/333 (Advanced/Invention)
CPC: A61K9/12 A61K31/716 A61K31/732 A61K31/733 A61K9/143 A61K31/724 A61K31/736 A61K31/765 A61L2300/23 A61L2300/418 A61L26/0023 A61K9/10 A61K9/7015 A61K31/717 A61K31/722 A61L26/0066 A61L26/0076 A61L2400/04
US: 424/443



Family:

Publication number	Publication date	Application number	Application date
EP3088008 A1	20161102	EP20140873568	20141225
EP3088008 A4	20170705	EP20140873568	20141225
JP2015099083 A1	20170323	JP20150555023T	20141225
TW201538163 A	20151016	TW20140145648	20141225
US2016325011 AA	20161110	US20140108331	20141225
WO15099083 A1	20150702	WO2014JP84397	20141225

Priority:

JP20130266931 20131225 WO2014JP84397 20141225

Probable Assignee: NISSAN CHEMICAL IND LTD

Assignee(s): (std): NISSAN CHEMICAL IND LTD

Inventor(s): (std): HAYASHI HISATO ; IWAMA TAKEHISA

Agent(s): HOFFMANN EITL; HANABUSA PATENT AND TRADEMARK OFFICE

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

Title: WOUND DRESSING

Abstract: This invention relates to a wound dressing, particularly to a stimuli responsive wound dressing comprising a lyophilized hyaluronic acid (HA) hydrogel, and a plurality of devices embedded within said lyophilized hyaluronic acid hydrogel. Each of the plurality of devices including chitosan and hypromellose and may be formed as biofilms and/or electrospun fiber mats.

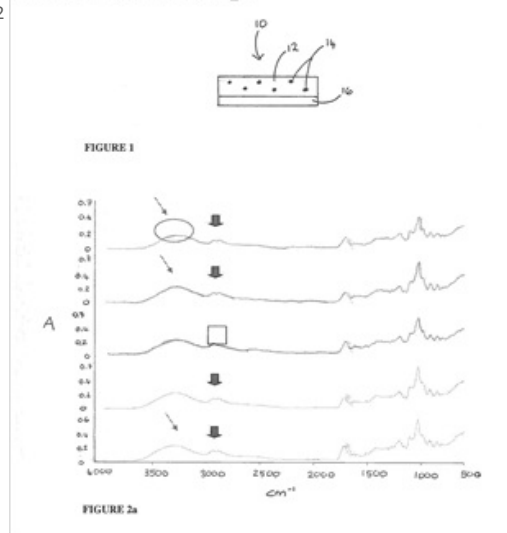
Classifications:

International (IPC 8-9): A61F13/00 A61K9/70 A61L A61L15/20 A61L15/22 A61L15/24 A61L15/26 A61L15/28 A61L15/40 A61L15/42 A61L15/44 A61L15/60 (Advanced/Invention)

CPC: A61L15/225 A61L2300/216 A61L2300/412 A61L15/60 A61L15/28 A61L15/44 A61K9/7007 A61K9/703 A61K9/7092 C08L5/08 C08L1/28 A61L2300/30

US: 424/426 424/428 424/445

PatBase - US2017095589_AH

**Family:**

Publication number	Publication date	Application number	Application date
■ CN107106720 A	20170829	CN201580029997	20150605
■ EP3151872 A1	20170412	EP20150730855	20150605
■ JP2017518101 T2	20170706	JP20160569438T	20150605
■ US2017095589 AA	20170406	US20150314136	20150605
■ US10080816 BB	20180925	US20150314136	20150605
■ WO15186101 A1	20151210	WO20151B54262	20150605
■ ZA201608061 A	20180228	ZA20160008061	20161121

Priority:

ZA20140004120 20140605 WO20151B54262 20150605

Probable Assignee: OF WITWATERSRAND UNIV

Assignee(s): (std): UNIV JOHANNESBURG WITWATERSRAND ; UNIV OF WITWATERSRAND JOHANNESBURG ; UNIV WITWATERSRAND JHB

Assignee(s): OF WITWATERSRAND JOHANNESBURG UNIV ; OF WITWATERSRAND UNIV

Inventor(s): (std): CHOONARA YAHYA ESSOP ; DU TOIT LISA CLAIRE ; KUMAR PRADEEP ; MAYET NAEEMA ; PILLAY VINESS

Agent(s): GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; TANAKA MITSUO; YAMAZAKI HIROSHI; FISH AND RICHARDSON PC; FIANDIERO JOAO ACHADA 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 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

Title: MEDICAL DRESSING

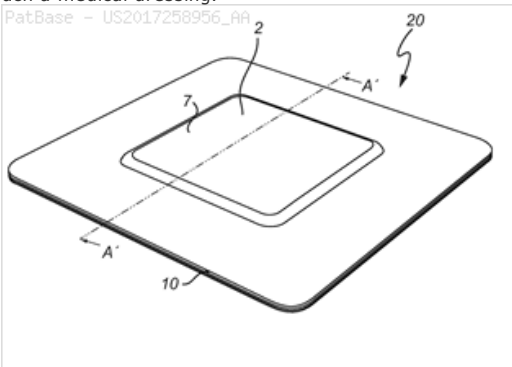
Abstract: A medical dressing is disclosed, comprising a substrate comprising a first chemical compound, said substrate having a first surface, wherein said medical dressing further comprises an adhesive layer having a skin-facing surface to adhere said medical dressing to a dermal surface, wherein at least a portion of said skin-facing surface comprises a coating comprising a second chemical compound. Also disclosed is a method of manufacturing such a medical dressing.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61L15/16 A61L15/18 A61L15/20 A61L15/22 A61L15/26 A61L15/28 A61L15/32 A61L15/42 A61L15/44 A61L15/46 A61L15/58 C08L75/04 (Advanced/Invention)

International (IPC 1-7): A61L15/26 A61L15/44 A61L15/46 A61L15/58 C08L75/04

CPC: A61L15/46 C08G2101/0008 A61F13/0253 A61F13/0206 A61F13/0276 A61F2013/00906 A61F2013/0091 A61L2300/406 A61L15/425 A61L15/18 A61F13/0213 A61F13/023 A61F13/00063 A61L2420/08 A61L2300/404 A61L15/58 A61L15/26 A61L15/44 A61L2300/104



Family:

Publication number	Publication date	Application number	Application date
■ AU2015314265 AA	20160317	AU20150314265	20150909
■ BR112017004789 A2	20171212	BR20171104789	20150909
■ CA2960037 AA	20170302	CA20152960037	20150909
■ CN107073163 A	20170818	CN201580048127	20150909
■ EP2995324 A1	20160316	EP20140184431	20140911
■ EP3191144 A1	20170719	EP20150762588	20150909
■ JP2017528231 T2	20170928	JP20170513548T	20150909
■ KR20170072187 A	20170626	KR20177007791	20150909
■ US2017258956 AA	20170914	US20150509029	20150909
■ WO16038109 A1	20160317	WO2015EP70648	20150909

Priority:

EP20140184431 20140911 WO2015EP70648 20150909

Probable Assignee: MOELNLYCKE HEALTH CARE AB

Assignee(s): (std): MOELNLYCKE HEALTH CARE AB

Assignee(s): MOLNLYCKE HEALTH CARE AB ; SODERSTROM BENGT ; FLACH NICLAS ; HAMBERG KRISTINA ; JOHANNISON ULF

Inventor(s): (std): BENGT SOEDERSTROEM ; KRISTINA HAMBERG ; NICLAS FLACH ; SODERSTROM BENGT ; ULF JOHANNISON ; SOEDERSTROEM BENGT ; JOHANNISON ULF ; HAMBERG KRISTINA ; FLACH NICLAS

Agent(s): WRAYS PTY LTD; SMART AND BIGGAR; AWAPATENT AB; AOKI ATSUSHI; ISHIDA TAKASHI; FUKUMOTO TSUMORU; KOGA TETSUJI

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

Title: MULTI-FUNCTION DRESSING STRUCTURE FOR NEGATIVE-PRESSURE THERAPY

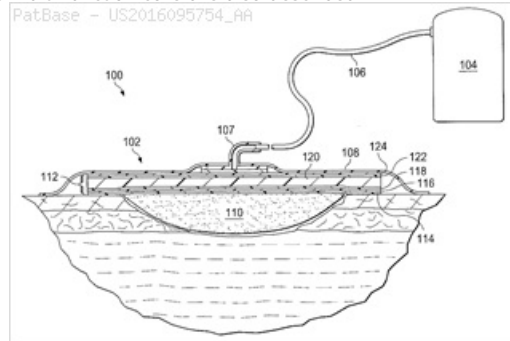
Abstract: Systems, methods, and apparatuses for forming a multi-function core for a dressing are described. The multi-function core includes a contact layer configured to be positioned adjacent to a tissue site, a wicking layer adjacent to the contact layer, an ion exchange layer adjacent to the wicking layer, an absorbing layer adjacent to the ion exchange layer, a blocking layer adjacent to the absorbing layer, and an odor-absorbing layer adjacent to the blocking layer. The contact layer, the wicking layer, the ion exchange layer, the absorbing layer, the blocking layer, and the odor-absorbing layer are coextensive and formed from a plurality of fibers disposed in a fibrous web. Methods of manufacturing the multi-function core are also described.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61F13/53 A61F13/537
A61F15/00 A61L15/12 A61L15/14 A61L15/16 A61L15/18 A61L15/22
A61L15/24 A61L15/26 A61L15/28 A61L15/42 A61L15/44 A61L15/60
A61M1/00 A61M27/00 G05B19/418 (Advanced/Invention)

CPC: A61F13/00063 A61F13/00068 A61M1/0088 A61F13/00987
G05B19/41865 A61L15/26 A61L15/44 A61L15/60 A61L15/24 A61L15/28
A61L2300/104 A61L2300/106 A61L2300/404 A61L15/225 A61M1/0001
A61L15/18 A61L15/425 A61L15/22 A61F2013/00314 A61L2420/00
A61F13/00991 A61F13/022 A61F13/0276

US: 156/244.19 604/319 604/359 604/367 604/368 604/372

**Family:**

Publication number	Publication date	Application number	Application date
AU2015328546 AA	20160414	AU20150328546	20150929
AU2015328547 AA	20160414	AU20150328547	20150929
CA2963260 AA	20170330	CA20152963260	20150929
CA2963263 AA	20170330	CA20152963263	20150929
DE602015016715 D1	20181018	DE201560016715T	20150929
EP3203953 A1	20170816	EP20150781246	20150929
EP3203953 B1	20180919	EP20150781246	20150929
EP3203954 A1	20170816	EP20150778165	20150929
JP2017533009 T2	20171109	JP20170518206T	20150929
JP2017537670 T2	20171221	JP20170518214T	20150929
US2016095754 AA	20160407	US20150869731	20150929
US2016095951 AA	20160407	US20150869649	20150929
WO16057271 A1	20160414	WO2015US53018	20150929
WO16057272 A1	20160414	WO2015US53031	20150929

Priority:

US20140060098P	20141006	US20140096669P	20141224	EP20150781246	20150929
US20150869731	20150929	US20150869649	20150929	WO2015US53018	20150929
WO2015US53031	20150929				

Probable Assignee: KCI LICENSING INC

Assignee(s): (std): KCI LICENSING INC

Assignee(s): KCI LICENSING INC SAN ANTONIO ; KCI USA INC ; WILMINGTON TRUST NATIONAL ASSOCIATION
COLLATERAL AGENT AS ; LOCKE CHRISTOPHER BRIAN ; ROBINSON TIMOTHY MARK ; WHYTE DAVID
GEORGE ; ANDREWS BRIAN

Inventor(s): (std): ANDREWS BRIAN ; LOCKE CHRISTOPHER BRIAN ; ROBINSON TIMOTHY MARK ; WHYTE DAVID GEORGE

Agent(s): SHELSTON IP PTY LTD; BORDEN LADNER GERVAIS LLP; CORDINA KEVIN JOHN; KITA AOYAMA INT PATENT
BUREAU; WELCH GERALD T ET AL

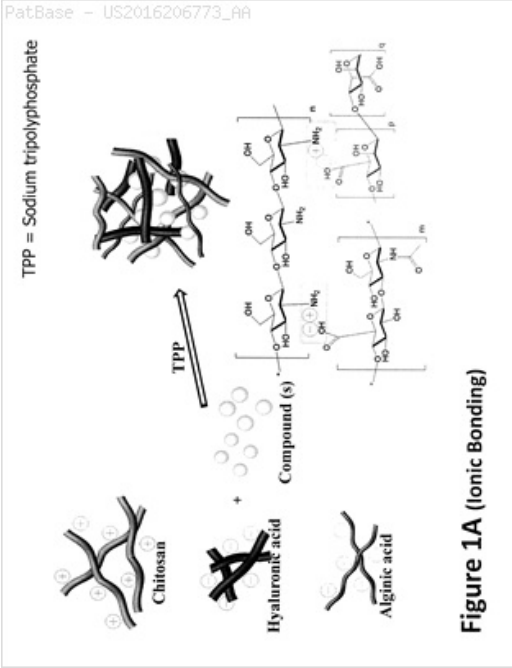
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IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW
MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM
SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: COMPOSITION AND METHOD FOR STOPPING HEMORRHAGE, INFECTION, AND ACCELERATING HEALING IN VARIOUS TYPES OF WOUND OR BURNS

Abstract: A composition and a method of applying the composition to a site on or within a body of a mammal. The composition includes a hydrogel matrix that includes at least one polymer cross linked, via ionic or covalent bonding, with both hyaluronic acid and alginate acid. The at least one polymer is chitosan, poly L-Lysine, or a combination thereof.

Classifications:

International (IPC 8-9): A61K31/137 A61K31/195 A61K31/728
A61K31/734 A61K33/14 A61K38/48 A61L15/32 A61L15/38 A61L15/44
A61L15/58 A61L24/00 A61L24/10 A61L26/00 (Advanced/Invention)
CPC: A61L15/44 A61K38/4833 A61K31/195 A61K31/137 A61L2400/04
A61L2300/418 A61L2430/34 C12Y304/21005 A61K45/06 C08L5/04
C08L5/08 C08L77/04 C08L35/04 A61L15/58 A61L24/0015 A61L24/0094
A61L24/106 A61L26/0066 A61L26/0076 A61L26/008 A61L26/0095
A61L2300/402 A61L2300/406 A61L2300/412 A61L2400/12
US: 424/451



Family:

Publication number	Publication date	Application number	Application date
US2016206773 AA	20160721	US20160001385	20160120
US9950091 BB	20180424	US20160001385	20160120

Priority:

US20150105465P 20150120 US20160001385 20160120

Probable Assignee:

MOUSA DEENA S

Assignee(s): (std):

MOUSA DEENA S ; MOUSA SHAKER A

Inventor(s): (std):

MOUSA DEENA S ; MOUSA SHAKER A

Agent(s):

SCHMEISER OLSEN AND WATTS

Title: MEDICAL GEL AND METHOD FOR PREPARING MEDICAL TREATMENT GEL PASTER FOR EXTERNAL USE THROUGH MEDICAL GEL

Abstract: The invention discloses medical gel. The medical gel is prepared from, by mass, 10-50 parts of magnesium sulfate, 0.01-10 parts of plant extract, 0.5-15 parts of glycerinum, 0.1-5 parts of ethyl alcohol, 3-20 parts of a hydrophilic polymer material, 0.1-15 parts of solubilizer and the balance purified water. The invention further discloses medical gel paster for external use and prepared through the medical gel and a preparation method of the medical gel paster for external use. By combining magnesium sulfate and the hydrophilic polymer material, the medical gel paster effectively avoids the problem that a magnesium sulfate solution wets clothes of a patient and a bed sheet; in the use process, the gel paster is high in adherency stability and is not prone to sliding down and does not affect motion of the patient; using is convenient, and pasting and uncovering can be carried out over and over again; plant extract is selected elaborately, anti-bacteria skin protection components are added and have no irritation to the human body, using is safe, the effects can be achieved quickly, and the curative effect is good.

Classifications:

International (IPC 8-9): A61L15/18 A61L15/20 A61L15/24 A61L15/28 A61L15/34 A61L15/40 A61L15/42 A61L15/44 A61L15/64 A61L26/00 (Advanced/Invention)

CPC: A61L26/0004 A61L15/18 A61L15/20 A61L15/24 A61L15/28 A61L15/34 A61L15/40 A61L15/42 A61L15/44 A61L15/64 A61L26/00 A61L26/0014 A61L26/0023 A61L26/0057 A61L26/0066 A61L26/008 A61L2300/102 A61L2300/232 A61L2300/30 A61L2300/402 A61L2300/404 A61L2300/412 A61L2300/602

Family:

Publication number	Publication date	Application number	Application date
 CN105854072 A	20160817	CN201610241020	20160419

Priority:

CN201610241020 20160419

Probable Assignee: SHANGHAI CHARHE PHARMACEUTICAL TECH CO LTD

Assignee(s): (std): SHANGHAI CHARHE PHARMACEUTICAL TECH CO LTD ; SHANGHAI CHARHE PHARMACEUTICAL TECHNOLOGY CO LTD ; YANG CHANGSHUN

Assignee(s): SHANGHAI CHARHE PHARMACEUTICAL TECHNOLOGY CO

Inventor(s): (std): SHU CAILI

Title: WATER-PROOF AND BREATHABLE WOUND PROTECTING MATERIAL AND PREPARATION METHOD THEREOF

Abstract: The invention relates to the field of medical auxiliary materials, in particular to a water-proof and breathable wound protecting material and a preparation method thereof. The water-proof and breathable wound protecting material comprises the following components in parts by mass: 0.3-0.5 part of an antibacterial agent, 1-4 parts of a film-forming agent, 1-3 parts of a pore-forming agent, 92-98 parts of a solvent, 0.1-0.2 part of a suspending aid, 0.1-0.2 part of a hemostatic and 0.1-0.2 part of an absorbent. The water-proof and breathable wound protecting material is water-proof and breathable, can see a wound, can prevent infection, is conducive to wound healing, is hidden in appearance, and does not affect the attractiveness.

Classifications:

International (IPC 8-9): A61L15/18 A61L15/20 A61L15/24 A61L15/28 A61L15/40 A61L15/44 (Advanced/Invention)

CPC: A61L15/24 A61L15/18 A61L15/20 A61L15/28 A61L15/40 A61L15/44 A61L2300/102 A61L2300/104 A61L2300/204 A61L2300/232 A61L2300/236 A61L2300/404 A61L2300/412 A61L2300/418 A61L2400/00 A61L2400/04 C08L29/14 C08L39/06

Family:

Publication number	Publication date	Application number	Application date
 CN105920649 A	20160907	CN201610399609	20160607

Priority:

CN201610399609 20160607

Probable Assignee: DONGGUAN WANJIA MEDICAL CO LTD

Assignee(s): (std): DONGGUAN WANJIA MEDICAL CO LTD

Assignee(s): DONGGUAN VANGUARD MEDICAL TECHNOLOGIES LTD ; DONGGUAN WANJIA MEDICAL CO

Inventor(s): (std): WAN YUANJIANG

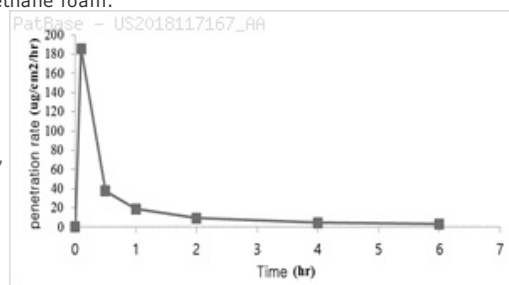
Title: PROCESS FOR PREPARING POLYURETHANE FOAM DRESSING COMPRISING ANTI-INFLAMMATORY AGENT

Abstract: Provided is a process for preparing a polyurethane foam dressing in which an anti-inflammatory agent is homogeneously dispersed, the process including obtaining a drug (i.e., anti-inflammatory agent)-containing polyurethane prepolymer using a certain dispersing agent; and reacting the drug-containing polyurethane prepolymer with a water-containing blowing solution to form a polyurethane foam and then drying the polyurethane foam.

Classifications:

International (IPC 8-9): A61F13/00 A61K31/165 A61K31/192 A61K47/59 A61K9/00 A61K9/70 A61L15/22 A61L15/26 A61L15/42 A61L15/44 A61L26/00 C08G18/00 C08G18/08 C08G18/10 C08G18/48 C08G18/66 C08G18/76 (Advanced/Invention)

CPC: A61K9/0014 A61K47/59 A61K9/7069 A61K31/165 A61K9/7015 A61K31/192 A61L26/0019 A61L26/0066 A61L26/0085 A61L2300/41 A61L15/425 A61L15/26 A61L15/42 A61L15/44 A61L2300/216 A61K31/167



Family:

Publication number	Publication date	Application number	Application date
BR112017015752 A2	20180327	BR20171115752	20160420
CN107249650 A	20171013	CN201680011330	20160420
EP3244935 A1	20171122	EP20160783387	20160420
EP3244935 A4	20180926	EP20160783387	20160420
JP2018512919 T2	20180524	JP20170548415T	20160420
KR20160126201 A	20161102	KR20150056977	20150423
US2018117167 AA	20180503	US20160568266	20160420
WO16171454 A1	20161027	WO2016KR04084	20160420

Priority:

KR20150056977 20150423 WO2016KR04084 20160420

Probable Assignee: DAEWOONG PHARMACEUTICAL CO LTD

Assignee(s): (std): DAE WOONG PHARMA

Assignee(s): DAEWOONG PHARMACEUTICAL CO ; DAEWOONG PHARMACEUTICAL CO LTD ; N A

Inventor(s): (std): CHANG HEE CHUL ; YIM HYEON A ; HYEON A YIM ; HEE CHUL CHANG

Agent(s): TURNER CRAIG ROBERT; IWATANI RYO; OH KOOK JIN

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 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

Title: WOUND CARE PRODUCTS COMPRISING ALEXIDINE

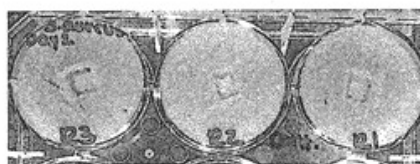
Abstract: A wound care product and related methods of treatment for wound site infection and for healing a wound is disclosed. The wound care product includes alexidine and a substrate and/or a pharmaceutically acceptable carrier.

Classifications:

International (IPC 8-9): A01N37/52 A01N47/44 A01P1/00 A61F13/00 A61K31/155 A61K47/04 A61K47/08 A61K47/10 A61K47/12 A61K47/14 A61K47/18 A61K47/22 A61K47/32 A61K47/34 A61K47/36 A61K47/38 A61K47/46 A61L15/00 A61L15/16 A61L15/20 A61L15/24 A61L15/26 A61L15/28 A61L15/42 A61L15/44 A61L26/00 A61L31/16 A61P17/02 A61P31/04 A61P31/10 (Advanced/Invention)

CPC: Y02A50/473 C08L75/04 A61L15/26 A01N47/44 A61K31/155 A61L15/44 A61L2300/206 A61L2300/404

PatBase - US2018214596_AA



Family:

Publication number	Publication date	Application number	Application date
■ CN107921283 A	20180417	CN201680049115	20160722
■ EP3325098 A1	20180530	EP20160831125	20160722
■ JP2018522701 T2	20180816	JP20180523380T	20160722
■ US2018214596 AA	20180802	US20160747004	20160722
■ WO17019503 A1	20170202	WO2016US43550	20160722

Priority:

US20150196432P 20150724 US20160747004 20160722 WO2016US43550 20160722

Probable Assignee: TELEFLEX MEDICAL INC

Assignee(s): (std): TELEFLEX MEDICAL INC

Inventor(s): (std): GIARE PATEL KAMNA ; GUPTA NISHA ; YOU CHAUNTING ; YOU CHUANING

Agent(s): BELL MARK; DESHIMARU TAKESHI; HAKODA ATSUSHI; ASAI KENJI; YAMASAKI KAZUO; ICHIKAWA SATSUKI; HATTORI HIRONOBU; LYNCH KRISTA L ET AL

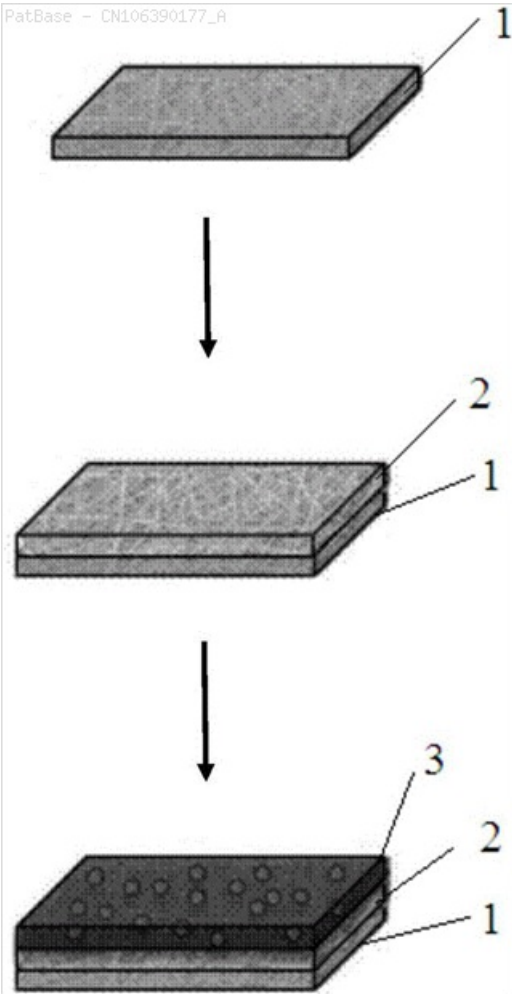
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW 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

Title: CHITOSAN-BASED MULTI-LAYER NANOFIBER MEMBRANE DRESSING AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF

Abstract: The invention provides a chitosan-based multi-layer nanofiber membrane dressing. The dressing comprises a chitosan nanofiber membrane, a chitosan-hydrophilic polymer composite membrane and a hydrophilic polymer membrane which are sequentially stacked, wherein the hydrophilic polymer membrane is loaded with nano bioactive glass, and the chitosan-hydrophilic polymer composite membrane adopts a three-dimensional network structure formed by staggering chitosan nanofibers and hydrophilic polymer nanofibers. The chitosan-based multi-layer nanofiber membrane dressing comprises three layers, the chitosan nanofiber membrane on the bottom layer can stop bleeding and resist bacteria for wounds; the chitosan-hydrophilic polymer composite membrane on the middle layer can absorb tissue exudates and keep the wounds wet; the hydrophilic polymer membrane loaded with nano bioactive glass on the top layer gradually releases growth factors in the swelling process and promotes wound healing. The chitosan-based multi-layer nanofiber membrane dressing can respond to different stages of tissue healing to play different roles. The invention further provides a preparation method and an application of the chitosan-based multi-layer nanofiber membrane dressing.

Classifications:

International (IPC 8-9): A61L15/08 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/44 (Advanced/Invention)
CPC: A61L15/28 A61L15/08 A61L15/24 A61L15/26 A61L15/32 A61L15/44 A61L2300/112 A61L2300/232 A61L2300/412 A61L2300/418 A61L2400/04 A61L2400/12



Family:

Publication number	Publication date	Application number	Application date
 CN106390177 A	20170215	CN201610857216	20160928

Priority:

CN201610857216 20160928

Probable Assignee: SHENZHEN INST OF ADV TECH CAS

Assignee(s): (std): SHENZHEN INST OF ADV TECH CAS

Assignee(s): SHENZHEN INST OF ADVANCED TECHNOLOGY ; SHENZHEN INST OF ADVANCED TECHNOLOGY CHINESE ACADEMY OF SCIENCES

Inventor(s): (std): CHEN QINGCHANG ; ZHAO XIAOLI

Title: ABSORBENT BINDER COMPOSITION

Abstract: The present disclosure is directed towards an absorbent binder composition that includes a hydrophilic polymer which has the capability of post-application, moisture-induced cross-linking. The absorbent binder composition can include 1) a superabsorbent polymer material which can include at least 15 mass percent monoethylenically unsaturated polymer, such as carboxylic acid, sulphonic acid, or phosphoric acid, or salts thereof, and an acrylate or methacrylate ester that contains an alkoxysilane functionality and 2) a polyvalent metal cation having a valence of at least two. Upon loss of water by evaporation, the alkoxysilane functionality forms a silanol functional group which condenses to form a crosslinked polymer. Upon exposure of the absorbent binder composition to a biological material, such as urine, blood, or feces, the biological material can interact with the polyvalent metal cation and can serve as a catalyst to accelerate the polymer cross-linking and gelation of the polymer.

Classifications:

International (IPC 8-9): A01N25/04 A01N25/08 A01N33/12 A01N59/00 A01N59/16 A61F13/00 A61L15/18 A61L15/26 A61L15/44 A61L15/46 A61L15/60 A61L26/00 (Advanced/Invention)

International (IPC 1-7): A61L15/18 A61L15/26 A61L15/44 A61L15/46 A61L15/60

CPC: A61L15/60 A61L15/18 A61L15/26 A61L15/44 A61L15/46 A61F13/00008 A01N25/04 A01N25/08 A01N59/16 A61L26/0004 A61L2300/11 A01N33/12 A01N59/00 A61L2300/208 A61L2300/104 A61L2400/04 A61L26/0014 A61L26/0061 A61L26/0066 A61L26/008

Family:

Publication number	Publication date	Application number	Application date
AU2016317017 AA	20170309	AU20160317017	20160830
BR112018002541 A2	20180925	BR20181102541	20160830
GB201804068 A0	20180425	GB20180004068	20160830
GB2557784 A1	20180627	GB20180004068	20160830
KR20180037266 A	20180411	KR20187006985	20160830
MX2018001715 A1	20180515	MX20180001715	20160830
US2018228145 AA	20180816	US20160751379	20160830
WO17040514 A1	20170309	WO2016US49472	20160830

Priority:

US20150211954P 20150831 US20160751379 20160830 WO2016US49472 20160830

Probable Assignee: KIMBERLY CLARK CORP

Assignee(s): (std): KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; KIMBERLY CLARK WORLDWIDE INC

Inventor(s): (std): DAVE ALLEN SOERENS ; DAVID JOHN TYRRELL ; JOHN GAVIN MACDONALD ; MACDONALD JOHN GAVIN ; SOERENS DAVE ALLEN ; TYRRELL DAVID JOHN

Agent(s): SPRUSON AND FERGUSON; DRESSER SARAH ANN 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 IR 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 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

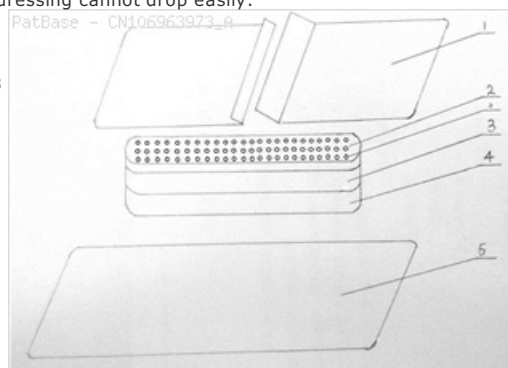
Title: CHITOSAN COMPOSITE DRESSING AND PREPARATION METHOD THEREOF

Abstract: The invention discloses a chitosan composite dressing and a preparation method thereof. The composite dressing comprises a chitosan dressing base layer, a medical water absorbing base layer, a waterproof layer and a medical adhesive tape adhesion layer, wherein the waterproof layer covers the medical adhesive tape adhesion layer; the medical water absorbing base layer is positioned between the chitosan dressing base layer and the waterproof layer; air holes are formed in the chitosan dressing base layer; the shapes and the areas of the chitosan dressing base layer, the medical water absorbing base layer and the waterproof layer are the same; anti-adhesion paper covers the chitosan dressing base layer; and the area of the anti-adhesion paper is consistent to that of the medical adhesive tape adhesion layer. The air holes on the chitosan dressing base layer and the medical water absorbing base layer can guarantee high permeability of water and air, and a wound is prevented from turning white and swelling. The medical water absorbing base layer has a water absorbing pad structure with high water absorption capability, tissue exudate penetrates through the air holes and is absorbed by the water absorbing pad, and efficient liquid absorption property is achieved. The waterproof layer can prevent excessive body fluid from permeating onto a medical adhesive tape, a part covered by the dressing can be fixed well, and the dressing cannot drop easily.

Classifications:

International (IPC 8-9): A61F13/02 A61L15/26 A61L15/28 A61L15/42 A61L15/44 A61L15/46 A61L15/58 (Advanced/Invention)

CPC: A61L15/28 A61F13/00063 A61F13/00068 A61F13/0209 A61F13/0253 A61F13/0289 A61L15/26 A61L15/44 A61L15/46 A61L15/58 A61L2300/404 A61L2300/41 A61L2300/412 A61L2300/418 A61L2400/04 A61L15/42



Family:

Publication number	Publication date	Application number	Application date
■ CN106963973 A	20170721	CN201710161013	20170317

Priority:

CN201710161013 20170317

Probable Assignee: GUANGZHOU RAINHOME PHARM AND TECH CO LTD

Assignee(s): (std): GUANGZHOU RAINHOME PHARM AND TECH CO LTD

Assignee(s): RAINBOW RUN GUANGZHOU PHARMACEUTICAL CO LTD ; GUANGZHOU RAINHOME PHARM AND TECH CO

Inventor(s): (std): CHE QISHI

Title: KAPOK COMPOUND REGENERATED CELLULOSE WOUND DRESSING AND PREPARATION METHOD THEREOF

Abstract: The invention relates to a kapok compound regenerated cellulose wound dressing and a preparation method thereof, belonging to the field of compound biological materials. The wound dressing is prepared from the following raw materials in parts by weight: 60-70 parts of cotton linter, 20-30 parts of kapok fibers, 10-20 parts of a fibrous collagen solution and 5-10 parts of a fibroin solution. The prepared kapok compound regenerated cellulose wound dressing can be used for repairing and curing various wound surfaces and has excellent tissue repairing capacity.

Classifications:

International (IPC 8-9): A61L15/28 A61L15/32 A61L15/40 A61L15/42 A61L15/44 (Advanced/Invention)

CPC: A61L15/40 A61L15/28 A61L15/32 A61L15/325 A61L15/425 A61L15/44 A61L2300/252 A61L2300/412 A61L2300/418 A61L2300/604 A61L2400/04

Family:

Publication number	Publication date	Application number	Application date
 CN107126576 A	20170905	CN201710264339	20170421

Priority:

CN201710264339 20170421

Probable Assignee: WUHU YANGZHAN NEW MATERIAL TECH SERVICE CO LTD

Assignee(s): (std): WUHU YANGZHAN NEW MATERIAL TECH SERVICE CO LTD

Assignee(s): WUHU YANGZHAN NEW MATERIAL TECHNOLOGY SERVICE CO ; WUHU YANGTZE NEW MATERIALS TECHNOLOGY SERVICES LTD

Inventor(s): (std): WU CHANGYING ; ZHANG CHUNSONG

Title: HEMOSTATIC ANTIBACTERIAL HEALING-PROMOTING MEDICAL DRESSING CONTAINING LAMIOPHLOMIS ROTATA IRIDOID GLYCOSIDE COMPOSITE ACTIVATED CARBON FIBERS (ACF) AS WELL AS PREPARATION METHOD AND APPLICATION OF MEDICAL DRESSING

Abstract: The invention discloses a hemostatic antibacterial healing-promoting medical dressing containing lamiophlomis rotata iridoid glycoside active ingredient composite medical ACF and belongs to the technical field of preparation of medical dressings. The medical dressing is composed of the following components in percentage by weight: 1-20 percent of lamiophlomis rotata iridoid glycosides, 0.01-1 percent of hexadecyl trimethyl ammonium chloride, 1-5 percent of polyvinyl alcohol or collagen and the balance of a medical ACF matrix. The lamiophlomis rotata iridoid glycoside active ingredients and polyvinyl alcohol or collagen and the like are combined to be prepared into a solution dosage form and a gel dosage form, and the dosage forms are compounded with medical ACFs so as to prepare a series of external medical dressings. By utilizing the strong effects of the ACF for adsorbing wound exudates, activating a clotting mechanism and accelerating hemostasis, the 'synergistic effect' between the two is achieved, and the medical dressing can be used for treating infectious wounds, surgical trauma bleeding and the like, has excellent hemostatic antibacterial healing-promoting effects and also has wide application prospects. The medical dressing disclosed by the invention is reasonable in formula and convenient in preparation and has the effects of controlling the wound infection and promoting healing of the wound. The hemostasis models for wounds at artery and ventral aorta in ears of large-ear white rabbits and human-mouse livers prove that the effective rate reaches 95 percent or higher.

Classifications:

International (IPC 8-9): A61L15/18 A61L15/20 A61L15/24 A61L15/32 A61L15/42 A61L15/44 A61L15/46 (Advanced/Invention)

CPC: A61L15/325 A61L15/18 A61L15/20 A61L15/24 A61L15/42 A61L15/44 A61L15/46 A61L2300/23 A61L2300/402 A61L2300/404 A61L2300/418 A61L2400/04

Family:

Publication number	Publication date	Application number	Application date
 CN107158446 A	20170915	CN201710315415	20170502

Priority:

CN201710315415 20170502

Probable Assignee: UNIV CHINA PHARMA

Assignee(s): (std): CHINA PHARMACEUTICAL UNIV ; UNIV CHINA PHARMA

Inventor(s): (std): LI CAOLONG ; QI CAIYU ; WANG FEI

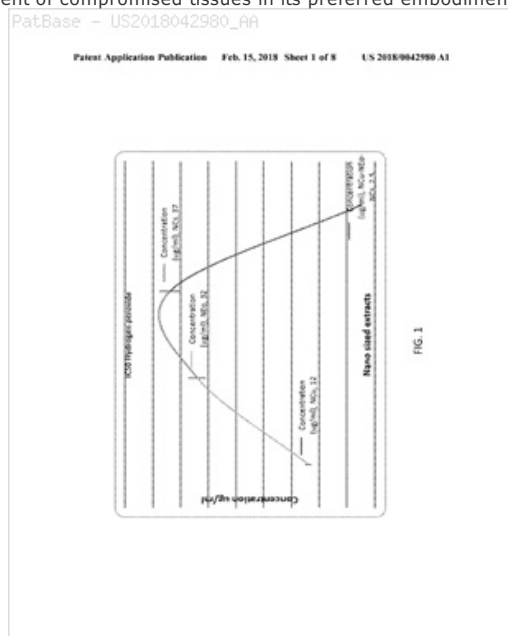
Title: MULTIFUNCTIONAL FORMULATION COMPRISED OF NATURAL INGREDIENTS AND METHOD OF PREPARATION/MANUFACTURING THEREOF

Abstract: This invention relates to a pharmaceutical preparation for the treatment of compromised tissue such as skin wounds and ulcers in humans and animals and a method of preparation. This is a multifunctional natural matrix meant for the treatment of compromised tissues which also relates to the anti-cancer transdermal patch for melanoma therapy. Further, the invention comprises for the treatment of Alzheimer's, and multiple sclerosis also. The composition consists of water-solubilized nano-sized formulation of non-aqueous solvent extract of phyto-pharmaceuticals in herbal, animal or synthetic biocompatible gel or on matrix coated or both. The composition is used as a topical device for the treatment of compromised tissues in its preferred embodiment.

Classifications:

International (IPC 8-9): A61F A61F13/00 A61K31/765 A61K33/38 A61K36/185 A61K36/47 A61K36/82 A61K36/886 A61K36/9066 A61K47/10 A61K47/22 A61K47/32 A61K47/34 A61K47/36 A61K9/00 A61K9/70 A61L15/18 A61L15/20 A61L15/22 A61L15/32 A61L15/40 A61L15/42 A61L15/44 A61L15/58 (Advanced/Invention); A61F (Subclass/Invention)

CPC: A61K36/185 A61L15/44 A61L15/225 A61L15/425 A61K47/10 A61K47/22 A61K47/34 A61K9/7069 A61L15/18 A61K33/38 A61K36/886 A61K47/32 A61K47/36 A61L15/585 A61K31/765 A61L2300/802 A61K2236/33 A61K2236/53 A61K2236/51 A61L2300/404 A61L2300/104 A61L2300/30 A61L2300/62 A61K36/9066 A61K36/82 A61L15/20 A61L15/40 A61F13/00012 A61F13/00017 A61F2013/00638 A61F2013/00646 A61F2013/0091 A61K36/47 A61L15/32



Family:

Publication number	Publication date	Application number	Application date
EP3281614 A1	20180214	EP20170180220	20170707
IL253314 A0	20170928	IL20170253314	20170704
IN201611027102 A	20180216	IN201611027102	20160809
US2018042980 AA	20180215	US20160384383	20161220
US10076552 BB	20180918	US20160384383	20161220

Priority:

IN201611027102 20160809

Probable Assignee: DATT LIFE SCIENCE PVT LTD

Assignee(s): (std): DATT LIFE SCIENCE PRIVATE LTD ; DATT LIFE SCIENCE PVT LTD ; DATT MEDIPRODUCTS LTD ; DATT MEDIPRODUCTS LTD AND DATT LIFE SCIENCE PVT LTD ; DATT MEDIPRODUCTS PRIVATE LTD ; DATT MEDIPRODUCTS PVT LTD

Assignee(s): DATT LIFE SCIENCES PRIVATE LTD ; DATT MEDIPRODUCTS AND DATT LIFE SCIENCE PVT LTD LTD

Inventor(s): (std): DATT RAJAN ; KUMAR RAMADHAR ; PANDEY SIDDHARTH ; SHRIVASTAVA PALLAVI

Inventor(s): SIDDHARTH PANDEY ; RAJAN DATT ; RAMADHAR KUMAR ; PALLAVI SRIVASTAV

Agent(s): NEDERLANDSCH OCTROOIBUREAU; ALLEN DYER DOPPELT AND GILCHRIST PA

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

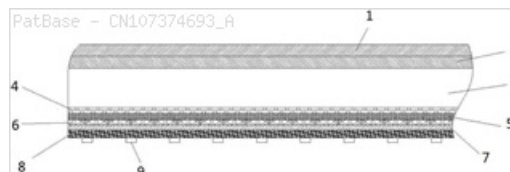
Title: RAPID TOURNIQUET

Abstract: The invention relates a rapid tourniquet. The rapid tourniquet comprises a tourniquet body and a fastener, wherein the tourniquet body comprises a flexible inflatable strap and a bleeding stopping component, wherein a luminous layer is arranged on the surface of the inflatable strap; the bleeding stopping component comprises a waterproof layer, a linen fiber layer, a bamboo charcoal fiber layer, a moisture absorption and sweat discharge fiber layer and a dressing layer which are successively arranged from top to bottom; and a plurality of elastic bodies are arranged on the surface of the dressing layer. By the tourniquet, bleeding can be stopped rapidly; the tightness of the tourniquet is adjustable; and the rapid tourniquet is convenient to use under the condition of poor illumination at night, and is good in breathing effect.

Classifications:

International (IPC 8-9): A61B17/135 A61F13/02 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/40 A61L15/44 A61L15/46 (Advanced/Invention)

CPC: A61B17/135 A61B2017/12004 A61F13/00008 A61F13/00046 A61F13/00063 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/40 A61L15/44 A61L15/46 A61L2300/216 A61L2300/232 A61L2300/254 A61L2300/30 A61L2300/418 A61F13/0203



Family:

Publication number	Publication date	Application number	Application date
■ CN107374693 A	20171124	CN201710726231	20170822

Priority:

CN201710726231 20170822

Probable Assignee: SUZHOU SISHAN NANO TECH CO LTD

Assignee(s): (std): SUZHOU SIBIN NANO TECHNOLOGY CO LTD ; SUZHOU SISHAN NANO TECH CO LTD

Assignee(s): SUZHOU SISHAN NANO TECHNOLOGY CO

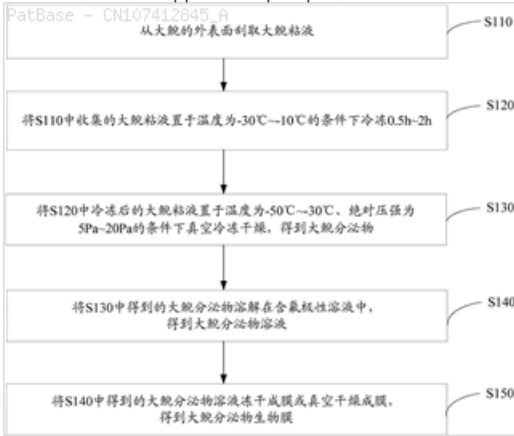
Inventor(s): (std): LUO JIN ; ZHANG SHUAI

Title: GIANT SALAMANDER SECRETION BIOFILM AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF

Abstract: The invention discloses a giant salamander secretion biofilm as well as a preparation method and an application thereof. Firstly, giant salamander secretions are dissolved in a fluorine-containing polar solvent, a giant salamander secretion solution is obtained and then freeze-dried or subjected to vacuum drying to form a film, and the giant salamander secretion biofilm is obtained. A large amount of exploratory research finds unexpectedly that the giant salamander secretions have higher solubility in the fluorine-containing polar solvent. By means of the preparation method, original structures of the giant salamander secretions are not damaged, and the formed giant salamander secretion biofilm keeps better adhesiveness, biocompatibility and other advantages of the giant salamander secretions, has uniform texture and better toughness and strength, can cover or wrap wounds as a hemostasis film, a tissue adhesion film or bondage and the like and has broad application prospects.

Classifications:

International (IPC 8-9): A61L15/40 A61L15/44 A61L24/00 A61L26/00 (Advanced/Invention)
CPC: A61L24/0005 A61L15/40 A61L15/44 A61L26/0057 A61L26/0066 A61L2300/30 A61L2300/418 A61L2400/04 A61L24/0015



Family:

Publication number	Publication date	Application number	Application date
■ CN107412845 A	20171201	CN201710681321	20170810

Priority:

CN201710681321 20170810

Probable Assignee: WEI HONG

Assignee(s): (std): WEI HONG ; XING MENGQIU

Inventor(s): (std): JIANG KUN ; SHANG HAITAO ; WEI HONG ; XING MENGQIU

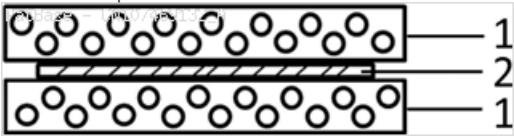
Title: HEMOSTATIC SPONGE/DRUG-LOADED FIBER MAT/HEMOSTATIC SPONGE COMPOUND AND PREPARATION METHOD THEREOF

Abstract: The invention provides a hemostatic sponge/drug-loaded fiber mat/hemostatic sponge compound and a preparation method thereof, and belongs to the technical field of polymeric medical materials. The compound has a three-layer sandwich structure, and comprises two hemostatic sponges and a drug-loaded fiber mat arranged between the two hemostatic sponges. The invention also provides the preparation method of the hemostatic sponge/drug-loaded fiber mat/ hemostatic sponge compound. The drug-loaded fiber mat is completely wrapped with the hemostatic sponges, the three layers are structurally closely connected and have no gaps, the hemostatic sponges have an obvious three-dimensional network structure, and apertures are connected, so the hemostasis function and the postoperative recurrence prevention function are realized.

Classifications:

International (IPC 8-9): A61K31/337 A61K31/704 A61K33/24 A61K47/34 A61K47/42 A61K9/00 A61L15/20 A61L15/28 A61L15/32 A61L15/42 A61L15/44 A61P35/00 D04H1/728 (Advanced/Invention)

CPC: A61L15/325 A61K9/0002 A61K9/0092 A61K31/337 A61K31/704 A61K33/24 A61K47/34 A61K47/42 A61L15/20 A61L15/42 A61L15/425 A61L15/44 A61L2300/416 A61L2300/418 A61L2300/602 A61L2400/04 D04H1/728 A61L15/28



Family:

Publication number	Publication date	Application number	Application date
 CN107469132 A	20171215	CN201710618309	20170726

Priority:

CN201710618309 20170726

Probable Assignee: CHANGCHUN INST APPLIED CHEMISTRY CAS

Assignee(s): (std): CHANGCHUN INST APPLIED CHEMISTRY CAS ; CHANGCHUN INST OF APPLIED CHEMISTRY CHINESE ACADEMY OF SCIENCES

Inventor(s): (std): HUANG YUBIN ; JING XIABIN ; KUANG GAIZHEN ; LI XIAOYUAN ; ZHANG ZHIYUN ; ZHOU DONGFANG

Title: MEDICAL HYDROCOLLOID DRESSING AND PREPARATION METHOD THEREOF

Abstract: The invention provides a medical hydrocolloid dressing. The medical hydrocolloid dressing comprises a waterproof membrane, a hydrocolloid layer arranged on the waterproof membrane, and an isolation layer arranged on the hydrocolloid layer, wherein the hydrocolloid layer is prepared from the following components: 25 to 40 parts of silica gel; 10 to 30 parts of sodium carboxymethylcellulose, 10 to 20 parts of pectin, 5 to 12 parts of gelatin, 5 to 10 parts of sodium polyacrylate, and 1 to 3 parts of organosilicon quaternary ammonium salt. By selecting the waterproof membrane as a base material, the medical hydrocolloid dressing has the characteristics of transparency, air permeability, water resistance, bacteria barrier and the like. The dressing hydrocolloid layer is prepared from the silica gel, the sodium carboxymethylcellulose, the pectin, the gelatin, the sodium polyacrylate and the organosilicon quaternary ammonium salt in a given ratio, the prepared medical hydrocolloid dressing continuously releases silicone oil when in use so as to soften a wound, thereby achieving an effect for preventing binding of a wound and avoiding the secondary injury. The dressing is high capacity for absorbing seepage and can provide an environment for accelerating the healing of the wound.

Classifications:

International (IPC 8-9): A61F13/02 A61L15/20 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/42 A61L15/44 A61L15/46 A61L15/60 (Advanced/Invention)

CPC: A61L15/60 A61F13/0213 A61F13/0289 A61L15/20 A61L15/24 A61L15/26 A61L15/28 A61L15/32 A61L15/42 A61L15/44 A61L15/46 A61L2300/208 A61L2300/232 A61L2300/252 A61L2300/404 A61L2300/412 A61L2300/418

Family:

Publication number	Publication date	Application number	Application date
 CN108030953 A	20180515	CN201711328950	20171213

Priority:

CN201711328950 20171213

Probable Assignee: GUANGZHOU RAINHOME PHARM AND TECH CO LTD

Assignee(s): (std): GUANGZHOU RAINHOME PHARM AND TECH CO LTD

Assignee(s): GUANGZHOU RUN RAINBOW MEDICAL SCIENCE AND TECHNOLOGY CO LTD ; GUANGZHOU RAINHOME PHARM AND TECH CO

Inventor(s): (std): CHE QISHI ; HUANG HAIYAN ; LIU SHAOHUI ; ZHAO PENG

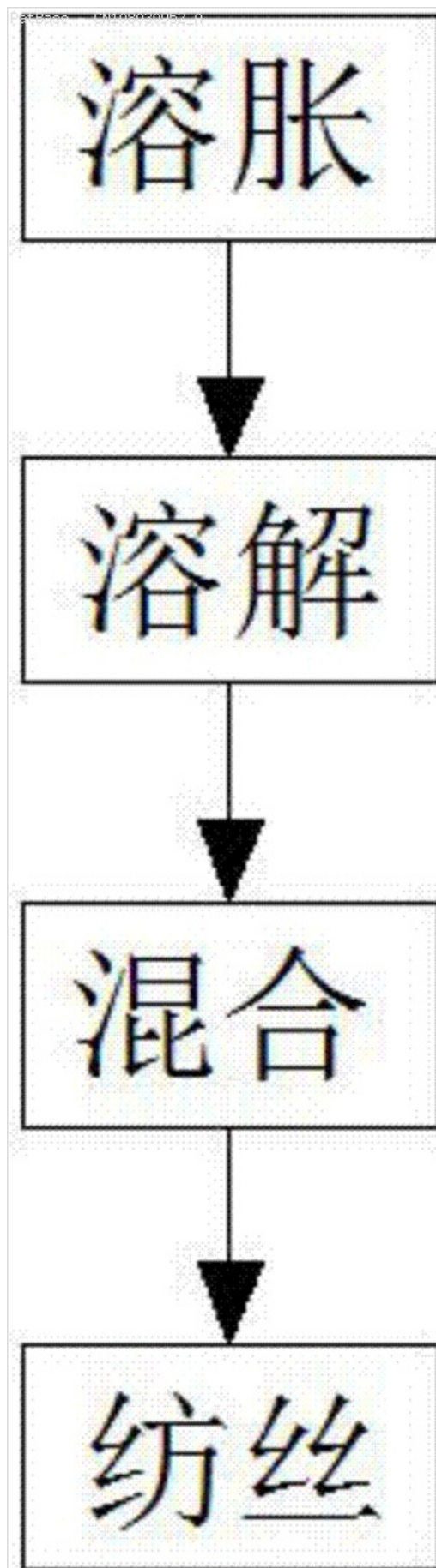
Title: NOVEL BIOFIBER HAEMOSTASIS MATERIAL AND PREPARATION METHOD THEREOF

Abstract: The invention discloses the technical field of a biological medicine haemostasis material, and concretely relates to a novel biofiber haemostasis material and a preparation method thereof. The novel biofiber haemostasis material comprises the following components: 60-70 parts of polyvinyl alcohol, 20-25 parts of fibrinogen, 15-20 parts of gelatin, 8-10 parts of a liquidambar formosana leaf extract, 2-3 parts of a blood-coagulation material, and 4-6 parts of a haemostasis medicine. The preparation method comprises the following steps: S1) swelling; S2) dissolving, dissolving the fibrinogen by using a sodium chloride solution with concentration being 0.8-1.0 percent; S3) mixing, uniformly stirring polyvinyl alcohol, gelatin, fibrinogen, the liquidambar formosana leaf extract, the blood-coagulation material, and the haemostasis medicine, performing insulation and performing standing for 10-12 hours; and S4) spinning. The biological medicine haemostasis material has efficacy for promoting blood coagulation, has a certain adhesive performance and high biological safety, and has the efficacy for coagulating blood, accelerating wound healing, and diminishing inflammation.

Classifications:

International (IPC 8-9): A61L15/18 A61L15/26 A61L15/32 A61L15/40
A61L15/44 A61L24/00 A61L24/04 A61L24/10 (Advanced/Invention)

CPC: A61L15/44 A61L15/18 A61L15/26 A61L15/32 A61L15/40
A61L24/0005 A61L24/0015 A61L24/046 A61L24/108 A61L2300/30
A61L2300/41 A61L2300/412 A61L2300/418 A61L2400/04



Family:

Publication number	Publication date	Application number	Application date
■ CN108030952 A	20180515	CN201711417207	20171225

Priority:

CN201711417207 20171225

Probable Assignee:

CHEN YIDE

Assignee(s): (std):

CHEN YIDE

Assignee(s):

CHEN YI DER

Inventor(s): (std):

CHEN YIDE

Title: MEDICAL DRESSING MATERIAL, AND PREPARATION METHOD THEREOF

Abstract: The invention belongs to the field of medicine, and discloses a medical dressing material, and a preparation method thereof. The preparation method comprises following steps: by mass, 5 to 30 parts of sodium alginate, 3 to 20 parts of water soluble chitosan, 5 to 50 parts of sodium chloride, 20 to 100 parts of glycerin, and 0 to 100 parts of propylene glycol are dissolved in 100 to 1000 parts of distilled water with stirring so as to obtain a component A; 50 to 600 parts of an emulsion, and 300 to 700 parts of silicone resin are added into 300 to 800 parts of volatile siloxane for uniform mixing so as to obtain component B; the component A is added into the component B for uniform emulsification so as to obtain the medical dressing material. The medical dressing material is capable of stopping bleeding, accelerating skin wound healing, inhibiting and killing bacteria in or outside wounds effectively, realizing driving or driven moisture retention on skin, possesses hydration effect on scarred skin, and is excellent in repairing effect.

Classifications:

International (IPC 8-9): A61L15/20 A61L15/26 A61L15/28 A61L15/42 A61L15/44 A61L26/00 (Advanced/Invention)

CPC: A61L26/0066 A61L15/20 A61L15/26 A61L15/28 A61L15/42 A61L15/44 A61L26/00 A61L26/0019 A61L26/0023 A61L26/0061 A61L2300/216 A61L2300/232 A61L2300/404 A61L2300/412 A61L2300/45 A61L2400/04

Family:

Publication number	Publication date	Application number	Application date
 CN108126236 A	20180608	CN201711384801	20171220

Priority:

CN201711384801 20171220

Probable Assignee: JINHUA JINGDI MEDICAL SUPPLIES CO LTD

Assignee(s): (std): JINHUA JINGDI MEDICAL SUPPLIES CO LTD ; ZHEJIANG UNIV OF SCIENCE AND TECHNOLOGY ; UNIV ZHEJIANG SIENCE AND TECHNOLOGY

Assignee(s): JINHUA JINGDI MEDICAL SUPPLIES CO

Inventor(s): (std): HUANG JUAN ; LU TAO ; WANG JIANWEI

Title: PREPARATION METHOD FOR MEDICAL ABSORBABLE HEMOSTATIC MATERIAL

Abstract: The invention provides a preparation method for a medical absorbable hemostatic material. The preparation method comprises the following steps: (1) preparing a spinning solution from polylactic acid and cellulose acetate, and performing electrostatic spinning to prepare a polylactic acid/cellulose acetate fiber composite porous ultrathin fiber membrane; (2) soaking the fiber membrane with NaOH; (3) putting the fiber membrane into a mixed solution of EEDC and Sulfo-NHS to soak; (4) putting the cleaned membrane into a hyaluronic acid solution to react, and drying for later use; (5) preparing a mixed solution in which the modified composite membrane is soaked; and (6) soaking the modified fiber membrane into the solution prepared in the step (5), and performing hot-pressing, thereby obtaining the medical absorbable hemostatic material. The medical absorbable hemostatic material is good in water absorption, and is quick in bleeding stopping.

Classifications:

International (IPC 8-9): A61L15/20 A61L15/26 A61L15/28 A61L15/40 A61L15/42 A61L15/44 A61L15/60 (Advanced/Invention)

CPC: A61L15/425 A61L15/20 A61L15/26 A61L15/28 A61L15/40 A61L15/44 A61L15/60 A61L2300/214 A61L2300/232 A61L2300/25 A61L2300/418 A61L2300/45 A61L2400/04

Family:

Publication number	Publication date	Application number	Application date
 CN108273117 A	20180713	CN201810166769	20180228

Priority:

CN201810166769 20180228

Probable Assignee: SUZHOU LINGKETE NEW MAT CO LTD

Assignee(s): (std): SUZHOU LINGKETE NEW MAT CO LTD

Assignee(s): SUZHOU LINGKETE NEW MATERIAL CO ; LING SCOTT SUZHOU NEW MATERIALS CO LTD

Inventor(s): (std): WANG HEMING