

Search history

Search PN=(WO2016113594) (Results 1)

1:

Search [SP]: 1. a minimally invasive, biomedical device consisting of needle or catheter manufactured in a latex-derived nanomaterial which chemical composition is fundamentally based in fats, waxes and diverse gummy resins obtained from cytoplasm of lactic cells. 2. the device according to claim 1, further comprising: a nanosensor located along the needle or catheter and generating an lep-type optic stimulus along its path in order to activate the laboratory modified latex and which modifies its molecular structure a container for storing the liquid to be injected to removed a control system directly connected to the sensor and a power source which provides the necessary power to all the elements. 3. the device according to claim 1, wherein the nanosensor activates with a device which connected to the power source can provide the optic, electric or magnetic stimulus which generates the molecular modification of latex used in the manufacture of the needle or catheter. 4. the device according to claim 1, having a shutter which allows the activation and deactivation of the nanosensor at will of the health personnel. (Results 0)

Search [SP]: cross-reference to related application[0001] this application claims priority to pct application no. pct/ib2015/050258 having a filing date of jan. 13, 2015, the entire contents of which is hereby incorporated by reference. field of technology[0002] the following relates to a continuously hollow device for the transfer of fluids to the human body which is made in a nanomaterial derived from latex, which chemical composition is based primarily on fats, waxes and several gummy resins obtained from cytoplasm of lactic cells. this biochemically modified material is capable of adjusting its outer and inner diameter, i.e. it enlarges or shrinks according to the needs of the patient, wherein such device corresponds to a needle or the like, which allows to have a very small diameter so as to be inserted in the patient and then by an excitation of such nanomaterial, it can be extended once inserted so as to allow the intake of fluids to the body by means of a catheter or the like. thus, the fluid transfer device after being used it can go back to its reduced diameter state so that it can be removed from the patient avoiding thereby the great pain and risk of traumas in the skin, arteries, veins and other organs of the anatomy. background[0003] one of the major problems present in public health in several countries, is the trauma by accident and/or violence, which makes it necessary in the health centers a large amount of intravenous needles and catheters, in order to perform the suitable treatments to patients in shock state who need to receive fluids intravenously in a fast and effective manner, in order to increase the blood pressure and to stabilize the vital signs. [0004] similarly, the blood donors and the blood banks have the above mentioned need, at the same time that there is a problem with patients and donors related to pain and the possible complications that can arise in these donation procedures, which translates in a representative limitation when obtaining supplies. likewise, the health system needs to reduce the medical complications of the patients with trauma so as to reduce the costs in important events in public health. [0005] in this regard, the nanotechnology has allowed in the last years the development of new materials with several physical and chemical properties being usually at large scale, but which are also available now in nanometer-scale devices. in addition, several of the common properties of these materials are sensitive to change and physical variables which are not evident at large scale, which makes these properties to be available to be exploited in new applications in engineering, biotechnology, electronic, health care and other areas. this new area of biomedical knowledge, nanotechnology, aims to the development of minimally invasive devices in order to avoid pain and complications in patients and at the same time, avoids excessive expenses to the health entities for the adverse events of the traditional devices. [0006] thus, there is a plurality of disclosures in the state of the art related to needle systems than can expand and contract according to the needs, which are useful when performing a procedure on a patient or when introducing some type of fluid therein, such as a drug. within these disclosures is the document ca 2788391, which refers to a catheter small enough in diameter to be placed minimally invasively into the body of a patient but also can be expanded post-placement to provide a larger diameter placed catheter that supports fluid flow at a rate higher than is possible through the pre-placement reduced-diameter catheter, wherein said catheter is constructed using one or more shape memory polymers and can include one or more sections configured to enhance the flexibility of the section as compared to the other parts of the catheter and thus allow the section to accommodate tight bends and turns when inserted into the body of the patient. [0007] however, embodiments of the invention described in this anteriority features the disadvantage of being a memory polymer material, not based on nanotechnology, which creates a device similar to those already existing but which depends directly on the material response to maintain its original shape, i.e. if the material is worn or it loses its elasticity or ability to go back to its original state, it is locked in a very small diameter which makes it difficult to transfer the fluid at the desired rate. [0008] on the other hand, document us 2012046608 discloses a medical balloon and methods of modifying said balloon by forming a void pattern in its exterior surface and filling the voids with a material, such as a fiber or a nanomaterial, e.g., nanotubes, such as carbon nanotubes, and a matrix material, e.g., a polymer, wherein such medical balloon corresponds specifically to a catheter having an elongated shaft and an inflatable balloon located adjacent to the distal end of the shaft, wherein the catheter contains a coating comprising the nanomaterial, wherein such coating is arranged inside some slots formed in an outer surface of the catheter. [0009] now, document mx 2012001390 mentions a device of expandable intravenous access, such as an expandable catheter, which facilitates a less intrusive access to medical equipment in the patient, wherein the catheter comprises a ring of fixed diameter for defining the maximum size of the introduced needle, from which a plurality of flexible rods are protruded, these rods being able to displace radially from an initial position to the maximum size of the ring, wherein the catheter consists of a rigid structure composed by metal or polymer elements and a flexible element made of an elastic material. [0010] however, embodiments of the invention defined in this anteriority shows the disadvantage that the device has a rigid structure and the expansion thereof is made through an elastic flexible material, which is undesirable, since two different types of material are required for its manufacture, increasing thereby the production costs. [0011] finally, document au 2012308610 is related to an intravascular catheter including a catheter tube having an expandable portion with a plurality of struts wherein each defines an outer surface, wherein the expandable portion is operable between a closed position wherein the expandable portion has a first diameter, and an opened position, wherein the expandable portion has a second diameter that is larger than the first diameter. similarly, an incising element is provided on the outer surface of at least one of the struts, wherein the incising element has a blade that extends outwardly in a radial direction from the outer surface for creating an incision. summary [0012] according to the above, it is clear that there is a need in the state of the art to design and implement a needle and/or catheter system featuring the characteristics of being manufactured in a nanomaterial derived from latex, but which is biochemically modified in the laboratory such that its original molecular composition changes depending on the response to an external physical stimulus (optical stimulus with led-type sensor, with a magnetic field, with an electric current or temperature change). this physical stimulus generates a sustained but reversible distancing between the molecules of the material whereby the manufactured device allows to obtain a needle or catheter with a very small diameter at the beginning of the procedure (blood donation, vein or artery canalization, placement of thorax, vesicle, nasogastric catheter, or orotracheal tube in general anesthesia, etc.) so as to cause no pain when introduced in the patient, but that after verifying by the health personnel that the device properly canalized the vein, artery or reached the target organ (lung, bladder, stomach, trachea, etc.), the physical stimulus is activated to increase such diameter once inside the body of the patient, in order to be able to provide liquids, drugs, hemoderivatives, or to draw blood or homoderivatives from donors, to insert a catheter or probe, etc. and reduce thereby the pain feeling and the risk of trauma or infections in the puncture location. once the object is achieved with the needle or catheter, the health personnel deactivates the physical stimulus (led light, electrical current, magnetic field, temperature gradient) and therewith, the molecules of the nanomaterial recover its original distance between them, thus achieving the removal of the device with less pain and trauma for the patient. [0013] in this regard, it is clear that the need is based on applying a mixture of new nanotechnology, nano-sensors and developments in plastic materials used in the health industry so as to allow the design of a single size hypodermal needle or probes or catheter that changes its diameter as a response to a specific command, i.e. with the excitation, whether it is optic, magnetic, electric, etc. brief description [0014] some of the embodiments will be described in detail, with reference to the following figures, wherein like designations denote like members, wherein: [0015] fig. 1 corresponds to the needle with nanomaterial in small caliber being introduced in the veins or arteries of the patients, wherein the activation of the nanosensor located inside thereof (optical effect by led light), activates the nanomaterial so its original state (latex molecules bound together to each other with the minimum distance therebetween) is modified by a transitory state consisting of a measurable increase of the distance between the latex molecules which allows the diameter to be increased. [0016] fig. 2 corresponds to the probe manufactured with nanomaterial in small caliber being introduced in the u (Results 3)

Search device and (needle or probe) (Results 726103)

4:

Search 4 and manufactured and latex (Results 0)

5:

Search 4 and manufactured and latex (Results 9088)

6:

Search 6 and nanomaterial (Results 34)

7:

Search nanomaterial and latex (Results 297)

8:

Search 8 and needle or probe (Results 158)

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11:

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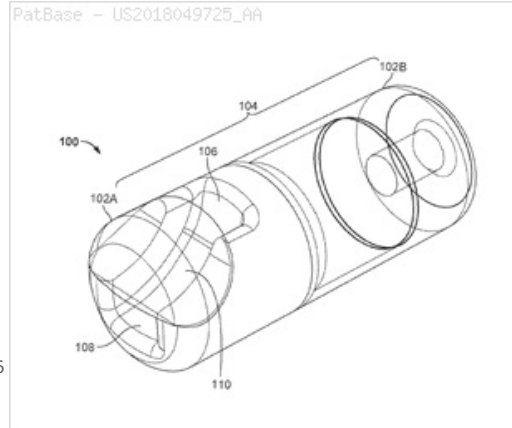
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13:

Title: SYSTEMS AND METHODS FOR OBTAINING SAMPLES USING INGESTIBLE **DEVICES****Abstract:** Ingestible **devices** configured to obtain samples when present in the GI tract of a subject, as well as related systems and methods, are disclosed. Sampling systems that include an absorbent material a preservative, such as an analyte preservative, as well as related materials and methods, are also disclosed.**Classifications:**

International (IPC 8-9): A61B1/04 A61B10/00 A61B10/02 A61B5/00 A61B5/07 A61B5/145 A61B5/1455 A61K49/00 A61M31/00 B01L3/00 C12M1/00 C12N1/20 C12Q1/04 C12Q1/06 C12Q1/10 G01N1/10 G01N1/20 G01N1/28 G01N1/38 G01N1/40 G01N21/76 G01N21/77 G01N33/483 G01N33/487 G01N33/53 G01N33/558 G01N33/569 G01N33/58 G06F19/00 (Advanced/Invention); A61B5/00 A61B5/145 (Advanced/Non-invention)
CPC: A61B2562/162 B01L3/5085 B01L3/5023 B01L2200/141 B01L2300/088 B01L2300/0832 B01L2300/087 B01L2300/0877 B01L2200/0621 B01L2300/12 B01L2300/0636 B01L2400/0475 B01L2400/0633 B01L2400/0472 B01L2400/0677 B01L2300/042 B01L2300/069 B01L2200/0689 B01L2300/1883 A61B2010/0061 B01L3/50 G01N33/56916 G01N33/56944 G01N33/56938 A61B10/0038 A61B10/02 A61B5/073 A61B5/4839 G06F19/3462 A61M31/002 A61B10/0096 A61B5/6861 G01N1/28 A61B1/041 A61J3/007 C12Q1/06 G01N1/10 G01N2001/1031 A61K45/06 C12Q1/045 C12Q1/10 G01N1/405 G01N1/38 C12N1/20 C12M29/26 G01N1/20 A61B5/0084 A61B2010/0074 G01N21/76 A61B5/4255 A61B5/01 A61K49/0058 A61K49/0019 A61B5/036 G01N33/4833 G01N33/487 A61B5/14503 A61B2562/0233 G01N33/582 A61B5/0071 A61B5/14539 A61B5/14546 A61B5/14552 A61B5/42 A61B5/4238 A61B10/0045

**Family:**

Publication number	Publication date	Application number	Application date
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US2018206769 AA	20180726	US20170835303	20171207
WO18035394 A1	20180222	WO2017US47476	20170818
WO18035396 A1	20180222	WO2017US47481	20170818
WO18048754 A1	20180315	WO2017US49973	20170901
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WO18049133 A1	20180315	WO2017US50642	20170908
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Priority:

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Probable Assignee: PROGENITY INC

Assignee(s): (std): ALLAN NICHOLAS DAVID ; DRLIK MARK SASHA ; JONES MITCHELL LAWRENCE ; MCGUINNESS RYAN PAUL ; MAGYAR BOB ; LEMAY MATTHIEU OLIVIER ; JONES RYAN ELLIOTT ; GARLAND ANDREW CARLOS ; PROGENITY INC ; WAHL CHRISTOPHER LOREN ; PHILIPPSEN AARON OLAFUR LAURENCE ; SINGH SHARAT ; WEY GENE ALAN ; MULLER NATHAN JOHN ; NIKNIA IMAN ; PAK BRIAN ; MCLEAN JOHN MITCHELL ; SMITH PAUL TIMOTHY

Inventor(s): (std): ALLAN NICHOLAS DAVID ; DRLIK MARK SASHA ; GARLAND ANDREW CARLOS ; JONES MITCHELL LAWRENCE ; JONES RYAN ELLIOTT ; LEMAY MATTHIEU OLIVIER ; MAGYAR BOB ; MCGUINNESS RYAN PAUL ; MCLEAN JOHN MITCHELL ; MULLER NATHAN JOHN ; NIKNIA IMAN ; PAK BRIAN ; PHILIPPSEN AARON OLAFUR LAURENCE ; PHILIPPSEN AARON OLAFUR LAURENCE ; SINGH SHARAT ; SMITH PAUL TIMOTHY ; WAHL CHRISTOPHER LOREN ; WEY GENE ALAN

Agent(s): DALEY SEAN P; ACETO DONATO 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 JO 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

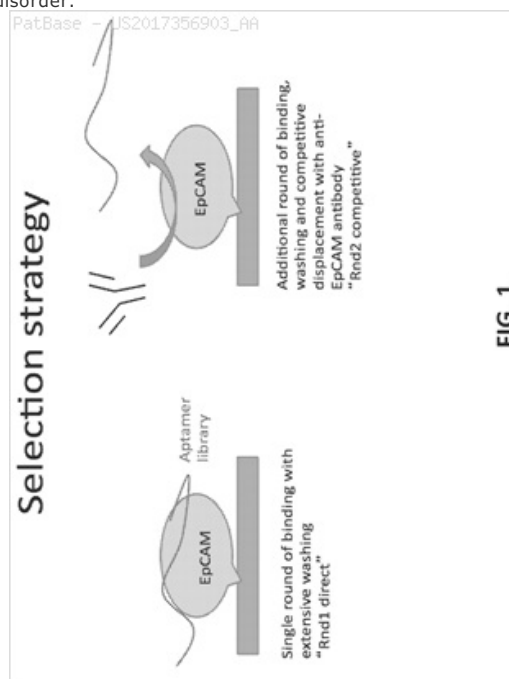
Title: OLIGONUCLEOTIDE PROBES AND USES THEREOF

Abstract: Methods and compositions are provided to identify oligonucleotide probes that can detect various targets of interest. The targets include microvesicles, microvesicle antigens, and nucleic acids. The target detection may be used to provide a diagnosis, prognosis or theragnosis of a medical condition, a disease or a disorder.

Classifications:

International (IPC 8-9): A61K A61K31/711 A61K35/17 A61K39/395 A61K47/68 C07H19/09 C07H19/173 C07H19/19 C07H21/00 C07H21/02 C07K14/47 C07K16/00 C07K16/24 C07K16/32 C07K16/46 C12N C12N15/11 C12N15/113 C12N15/115 C12N15/13 C12N15/63 C12P21/00 C12Q1/68 C40B20/08 G01N33/50 G01N33/53 G01N33/564 G01N33/574 G01N33/68 (Advanced/Invention); A61K C12N (Subclass/Invention)

CPC: C12N2320/10 C12Q2600/112 C12Q2600/118 C12Q2600/158 G01N2333/70503 C07H21/00 C12N15/63 C12P21/00 C07K16/46 C07K16/244 C07K16/32 C07K16/468 C07K2299/00 C07K2317/21 C07K2317/31 C07K2317/515 C07K2317/55 C07K2317/90 C07K2317/92 C07K2317/94 C12N15/10 G01N33/5308 G01N33/57484 G01N33/68 G01N33/6893 C12Q1/6876 G01N33/6896 G01N33/574 G01N33/564 C12Q1/6883 C12Q2600/178 C12N15/113 C12N2310/113 C40B20/08 G01N33/5005 C12N15/115 C12N2310/16 C12N2310/3519 C12Q1/6886 C12Q2600/156 Y02A50/411 Y02A50/58 C12Q1/34 G01N2333/922 G01N33/53 A61K47/6807 C12N2310/3513 C07K2319/92 A61K31/711 G01N2333/4716



Family:

Publication number	Publication date	Application number	Application date
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AU2016287499 AA	20170105	AU20160287499	20160629
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EP3359576 A1	20180815	EP20160852954	20161007
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Priority:

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Probable Assignee: CARIS SCIENCE INC

Assignee(s): (std): CARIS SCIENCE INC ; ZYMEWORKS INC

Assignee(s): XIAO NIANQING ; ZHONG ZHENYU ; DOMENYUK VALERIY ; HUNTER ANDREW ; MAYER GUNTER ; O NEILL
HEATHER ; SPETZLER DAVID ; MIGLARESE MARK ; STARK ADAM ; UROSEV DUNJA ; SANCHES MARIO ;
TOM YEW STACEY AL ; PRESTA LEONARD G

Inventor(s): (std): DOMENYUK VALERIY ; HUNTER ANDREW ; MAYER GUNTER ; MIGLARESE MARK ; O NEILL HEATHER ; ONEILL
HEATHER ; PRESTA LEONARD G ; SANCHES MARIO ; SPETZLER DAVID ; STARK ADAM ; TOM YEW STACEY
A L ; UROSEV DUNJA ; XIAO NIANQING ; ZHONG ZHENYU

Inventor(s): TOM YEW STACEY AL

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; SPRUSON AND FERGUSON; BORDEN LADNER
GERVAIS LLP; GOWLING WLG CANADA LLP; J A KEMP; TRUSCOTT GLYN JOHN; AKHAVAN RAMIN;
SALISBURY CLARE 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
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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: PROCESSES FOR MANUFACTURING POLYMERIC MICROSPHERES

Abstract: Processes of manufacturing polymeric microspheres facilitate the generation of polymeric microspheres of size ranges smaller than 600 microns diameter by forming beads of a predetermined size from a starting material which may include a template polymer, and subsequently contacting the beads with a structural polymer. After crosslinking of the structural polymer has taken place, the template polymer may be removed to form the finished microspheres.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/12 A61B17/34 A61B17/42 A61B18/18 A61F2/00 A61F2/02 A61F2/12 A61F2/20 A61F2/26 A61F2/36 A61F2/958 A61K31/045 A61K31/717 A61K31/734 A61K31/745 A61K31/75 A61K31/765 A61K31/77 A61K31/78 A61K31/785 A61K31/80 A61K33/26 A61K38/00 A61K41/00 A61K45/00 A61K47/30 A61K47/32 A61K47/36 A61K49/04 A61K49/18 A61K51/00 A61K51/06 A61K51/10 A61K51/12 A61K9/00 A61K9/127 A61K9/14 A61K9/16 A61K9/50 A61K9/62 A61L24/00 A61L24/02 A61L24/04 A61L24/06 A61L27/00 A61L27/16 A61L27/20 A61L27/50 A61L31/00 A61L31/02 A61L31/04 A61L31/14 A61L31/18 A61M25/10 A61M31/00 A61M36/14 A61M37/00 A61M5/00 A61M5/31 A61P1/00 A61P1/02 A61P1/04 A61P11/04 A61P13/02 A61P13/10 A61P15/00 A61P21/00 A61P35/00 A61P43/00 A61P7/00 A61P9/00 B01J13/02 B05D7/00 B29B9/00 B29C35/08 B32B1/04 B32B15/02 B32B5/16 C08F2/46 C08J3/12 C08J3/24 C08J3/28 C08K3/00 C08L101/00 C08L101/12 C08L29/04 C08L5/00 C08L5/04

H05B6/00 (Advanced/Invention);

A61K9/14 (Advanced/Non-invention);

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International (IPC 1-7): A61B17/00 A61B17/12 A61B17/34 A61B17/42 A61F2/00 A61F2/02 A61F2/12 A61F2/20 A61F2/26 A61K31/717 A61K31/729 A61K31/734 A61K31/75 A61K31/765 A61K31/77 A61K31/78 A61K31/785 A61K33/26 A61K38/00 A61K45/00 A61K47/32 A61K47/36 A61K49/04 A61K49/18 A61K51/00 A61K51/06 A61K51/10 A61K9/00 A61K9/127 A61K9/14 A61K9/16 A61K9/50 A61K9/62 A61L24/00 A61L24/02 A61L24/04 A61L27/00 A61L27/16 A61L27/20 A61L27/50 A61L31/00 A61L31/02 A61L31/04 A61L31/14 A61L31/18 A61M31/00 A61M37/00 A61M5/00 A61P1/00 A61P1/02 A61P1/04 A61P11/04 A61P13/02 A61P13/10 A61P15/00 A61P21/00 A61P35/00 A61P43/00 A61P9/00 B29B9/00 C04B35/64 C08G2/00 C08J3/12 C08J3/24 C08K3/00 C08L101/00 C08L101/12 H01F1/28

CPC: A61K9/5026 A61K9/5036 A61B18/18 Y10S514/951 Y10S514/964 A61M25/1025 A61M5/31 A61K9/0009 A61K9/5094 A61K41/0028 A61K41/0052 A61K51/1251 A61K31/765 A61K9/0024 C08J2329/04 C08J2305/00 A61K9/0034 Y10T428/2985 Y10T428/2982 A61L31/14 A61F2/0036 A61L24/001 A61L24/06 A61L27/16 A61L27/50 A61L31/048 C08J3/24 C08J3/12 Y10T428/24942 A61K9/1635 A61K9/1652 A61K49/0452 A61K51/1244 A61L24/0036 A61L2430/36 Y10T428/249953 Y10T428/249961 A61L24/02 A61L24/0015 A61L24/0089 A61L2400/04 A61L2300/418 A61L2300/606 A61L2300/102 A61K9/14

European: A61F2/00B6B A61K41/00M A61K41/00U A61K49/04H8B A61K51/12H A61K9/00L8 A61K9/00M8 A61K9/16H6B A61K9/16H6F A61K9/50H6B A61K9/50H6F A61K9/50T A61L24/00H A61L24/00H8 A61L24/06 A61L27/16 A61L27/50 A61L31/04H A61L31/14 C08J3/12 C08J3/24 K61L430/36

US: 252/62.53 252/62.530S 264/4.1 264/4.33 264/4.6 264/4.600S 264/4.7 264/429 264/46 264/460 264/461 264/463 264/478 264/485 264/486 264/488 264/488P 264/494 264/494S 264/496 264/496S 264/5 264/5P 264/5S 264/7 424/1.11 424/1.49 424/1.490P 424/400 424/400P 424/422 424/422S 424/423 424/423S 424/430 424/430P 424/486 424/486P 424/488 424/488P 424/489 424/489P 424/490 424/491 424/493 424/493P 424/499 424/499P 424/501 424/501P 424/501S 424/646 424/646S 424/78.31 427/212 427/212P 427/213.34 428/212 428/304.4 428/310.5 428/402 428/402.21 428/402P 428/402S 514/54 514/54S 514/738 514/738S 514/772.4 514/772.400S 514/951 514/964 522/1 522/100 522/104 522/150 522/151 522/151S 522/152 522/153 522/154 522/157 522/162 522/166 522/173 522/174 522/176 522/182 522/1P 522/87 522/88 522/88S 522/89 522/90 524/27 524/27S 524/28 524/28P 524/557 524/557S 526/124 526/129 526/142 526/200 604/100.01 604/100.010S 604/506 604/506S 604/509 604/96.01 604/96.010S 604/99.01 606/13 606/16 606/28 606/33 606/34 606/41 623/23.72 623/23.720P 623/23.76

Family:

Publication number	Publication date	Application number	Application date
AU2003222097 AA	20031013	AU20030222097	20030328
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PatBase - US2003183962_AA

Patent Application Publication Oct. 2, 2003 Sheet 1 of 2 US 2003/0183962 A1

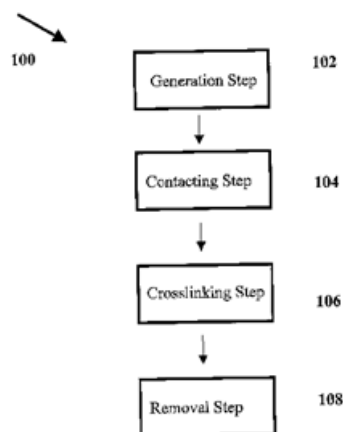


FIG. 1

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Priority:

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Probable Assignee: BOSTON SCIENTIFIC SCIMED INC

Assignee(s): (std): BALDWIN SAMUEL P ; BELLISARIO MARC ; BOSTON SCIENT IRELAND LTD BARB ; BOSTON SCIENT LTD ; BOSTON SCIENT SCIMED INC ; BOSTON SCIENT SCIMED INC A MINNESOTA CORP ; BOSTON SCIENTIFIC LIMITED ; BUISER MARCIA ; BOURNE GEORGE ; BUISIER MARCIA ; CASEY THOMAS V II ; KEENAN STEVE ; KNAPP DAVID ; CASEY THOMAS V ; BOSTON SCIMED PLACE ; BOSTON SCIENTIFIC LTD ; GELLMAN BARRY N ; CASEY II THOMAS V ; SCIMED LIFE SYSTEMS INC ; LANPHERE JANEL ; LI JIANMIN ; MCKENNA ERIN ; MINASIAN ZAROUHI ; RAO DOREEN ; NAIMARK WENDY ; MANGIN STEPHAN ; SCIMED LIFE SYSTEMS INC A MINN ; SCIMED LIFE SYSTEMS INC A DELA ; RIOUX ROBERT F ; MADENJIAN ART ; MADDEN MIKE ; RACKLEY RAYMOND

Assignee(s): ST PIERRE ERNEST J ; DIMATTEO KRISTIAN ; KAPOGLIS GREG ; BOSTON SCIENTIFIC SCIMED INC A MINNESOTA CORP ; SCIMED LIFE SYSTEMS INC A MINNESOTA CORP ; SCIMED LIFE SYSTEMS INC A DELAWARE CORP ; BOSTON SCIENTIFIC SCIMED INC ; BOSTON SCIENTIFIC IRELAND BARBADOS HEAD OF LTD ; BOSTON SCIENTIFIC IRELAND BARBADOS HEAD OFFICE LTD

Inventor(s): (std): ART MADENJIAN ; BALDWIN P ; BARRY N GELLMAN ; BELLISARIO MARC ; BUISER MARCIA S ; DOREEN RAO ; ERIN MCKENNA ; ERNEST J ST PIERRE ; GELLMAN BARRY N ; CASEY THOMAS VII ; CASEY V ; GEORGE BOURNE ; GREG KAPOGLIS ; KNAPP DAVID ; KRISTIAN DIMATTEO ; LANPHERE JANEL L ; KAPOGLIS GREG ; MADDEN MICHAEL ; MADDEN MIKE ; MADENJIAN ARTHUR R ; MANGIN STEPHAN P ; MARC BELLISARIO ; MARCIA BUISER ; MARCIA BUISIER ; MCKENNA ERIN P ; MIKE MADDEN ; PIERRE ERNEST J ST ; RACKLEY RAYMON ; RACKLEY RAYMOND ; ROBERT F RIOUX ; SAMUEL P BALDWIN ; ST PIERRE ERNEST J ; ST PIERRE J ; STEPHAN MANGIN ; STEVE KEENAN ; WENDY NAIMARK ; ZAROUHI MINASIAN ; CASEY THOMAS V ; BUISER MARCIA ; BALDWIN SAMUEL P ; MADENJIAN ART ; RAYMOND RACKLEY ; SKRIBISKI ROBERT P ; PIERRE ERNEST J ; DIMATTEO KRISTIAN ; ROBERT P SKRIBISKI ; JIANMIN LI ; JANEL LANPHERE ; DAVID KNAPP ; RIOUX ROBERT F ; RAO DOREEN ; NAIMARK WENDY ; MINASIAN ZAROUHI ; MCKENNA ERIN ; MANGIN STEPHAN ; LI JIANMIN ; LANPHERE JANEL ; KEENAN STEVE ; CASEY THOMAS V II ; BUISIER MARCIA ; BOURNE GEORGE ; CASEY II THOMAS V ; THOMAS V

Inventor(s): SKRIBISKI ROBERT ; CASEY THOMAS ; RIOUX ROBERT F ASHLAND ; MADENJIAN ART WINCHESTER ; THOMAS V II CASEY ; RACKLEY RAYMOND SHEKER HEIGHTS ; RAO DOREEN SUDBURY ; MADDEN MIKE PRINCETON ; KEENAN STEVE FRAMINGHAM ; LANPHERE JANEL NEWTON ; LI JIANMIN LEXINGTON ; II THOMAS V ; DIMATTEO KRISTIAN WALTHAM ; GELLMAN BARRY N NORTH EASTON ; BUISER MARCIA WATERTOWN ; CASEY ; CASEY THOMAS V II GRAFTON ; BOURNE GEORGE SOUTHBOROUGH ; BALDWIN SAMUEL

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SPRUSON AND FERGUSON; SMART AND BIGGAR; KIRBY EADES GALE BAKER; VOSSIUS AND PARTNER PATENTANWAELTE RECHTSANWAELTE MBB; ALTENBURG UDO; VOSSIUS AND PARTNER; LANG JOHANNES; FISH AND RICHARDSON PC; BINGHAM MCCUTCHEN LLP; MAYER AND WILLIAMS PC; DAVID B; KEUM J; KACVINSKY DAISAK BLUNI PLLC

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

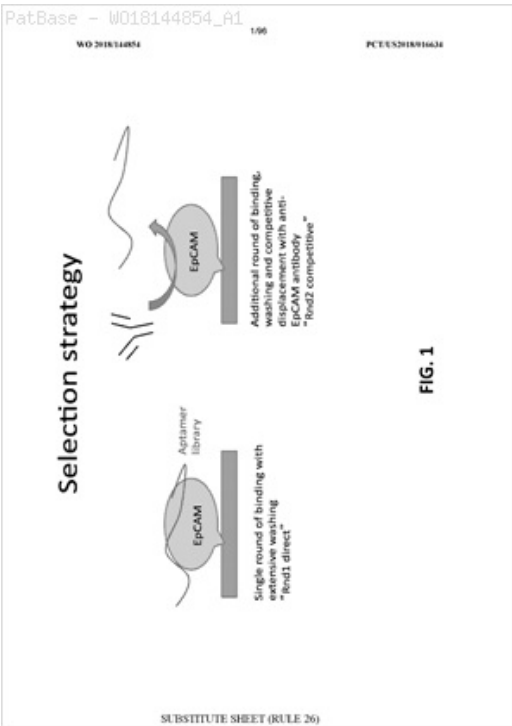
Title: TARGETED OLIGONUCLEOTIDES

Abstract: Methods and compositions are provided for oligonucleotides that bind targets of interest. The targets include cells and microvesicles, such as those derived from various diseases. The oligonucleotides can be used for diagnostic and therapeutic purposes. The target of the oligonucleotides can be a member of a ribonucleoprotein or spliceosomal complex such heterologous nuclear ribonucleoprotein U (hnRNP U).

Classifications:

International (IPC 8-9): C07H19/00 C07H21/00 C12N15/11 (Advanced/Invention)

CPC: C07H19/00 C07H21/00 C12N15/11



Family:

Publication number	Publication date	Application number	Application date
WO18144854 A1	20180809	WO2018US16634	20180202

Priority:

US20170453988P 20170202 US20170477751P 20170328 US20170490595P 20170426
US20170595954P 20171207

Probable Assignee: CARIS SCIENCE INC

Assignee(s): (std): CARIS SCIENCE INC

Inventor(s): (std): MAYER GUENTER ; MIGLARESE MARK ; O NEILL HEATHER ; TONAPI SONAL ; PANNU VAISHALI ; SPETZLER DAVID

Agent(s): THOMAS JEFF

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 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: **DEVICE** FOR **FLUID TRANSFER** MADE IN **NANOMATERIAL**

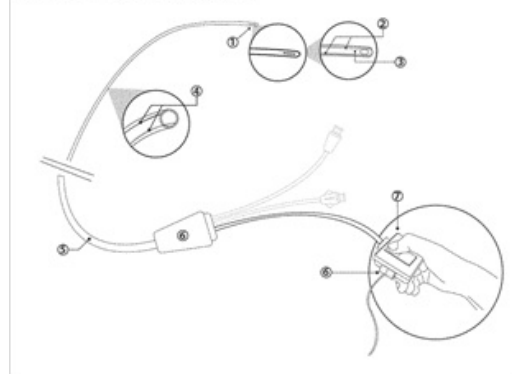
Abstract: A continuously hollow **device** for the **transfer** of **fluids** to the **human body** is provided, which is made in a **nanomaterial** derived from **latex**, which chemical composition is based primarily on fats, waxes and several gummy resins obtained from cytoplasm of lactic cells. This biochemically modified material is capable of adjusting its outer and inner diameter, i.e. it enlarges or shrinks according to the needs of the patient. The **device** corresponds to a **needle** or the like (**catheter**), which allows to have a very small diameter so as to be inserted in the patient (minimally invasive procedure) and after a physical excitation of such **nanomaterial**, it can be extended once inserted in the body so as to allow the intake or discharge of **fluids** to or from the body through a **catheter**, probe or the like.

Classifications:

International (IPC 8-9): A61F2/82 A61L29/04 A61L31/04 A61M25/00 A61M25/01 A61M25/04 A61M5/00 (Advanced/Invention); A61M25/01 (Advanced/Non-invention)

CPC: A61M25/00 A61M25/01 A61M25/04 A61L31/049 A61M25/0043 A61L29/042 A61M25/0127 A61M25/0058 A61M5/00 A61L2400/12

PatBase - US2018000995_AA



Family:

Publication number	Publication date	Application number	Application date
CO20170007017 A2	20170929	CO20170007017	20170713
US2018000995 AA	20180104	US20150543241	20150113
WO16113594 A1	20160721	WO2015IB50258	20150113

Priority:

WO2015IB50258 20150113

Probable Assignee: INSTITUCION UNIVERSITARIA SALAZAR Y HERRERA

Assignee(s): (std): INSTITUCION UNIV SALAZAR Y HERRERA ; INSTITUCION UNIVERSITARIA SALAZAR Y HERRERA

Inventor(s): (std): GUTIERREZ ALEJANDRO VARGAS ; VARGAS GUTIERREZ ALEJANDRO

Inventor(s): ALEJANDRO VARGAS GUTIERREZ

Agent(s): ANDRES MARQUEZ ACOSTA; MARQUEZ ACOSTA ANDRES

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: BIOPOLYMER MULTI-LAYER MULTI-FUNCTIONAL MEDICAL DRESSING AND METHOD OF MAKING SAME

Abstract: The Technology described herein applies to medical dressings designed to heal wounds in the area of advanced wound care, inclusive of Negative Pressure Wound Therapy (NPWT), and describes novel wound healing absorbent scaffolds and dressing based on natural and naturally-derived material and fibers, preferentially poly (lactic) acid fibers and alginate materials.

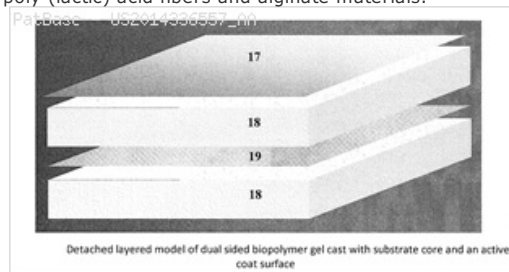
Classifications:

International (IPC 8-9): A61F13/02 A61L15/18 A61L15/44

A61L15/64 (Advanced/Invention)

CPC: A61F13/0216 A61F13/00008 A61L2300/404 A61L15/64 A61L15/26

US: 602/48 604/319



Family:

Publication number	Publication date	Application number	Application date
US2014336557 AA	20141113	US20140267161	20140501
WO14182536 A1	20141113	WO2014US36325	20140501

Priority:

US20130821826P 20130510 US20140267161 20140501

Probable Assignee: BIOVATION II LLC

Assignee(s): (std): BIOVATION II LLC

Inventor(s): (std): DURDAG KEREM ; ETCHELLS MARC ; GUNN VALERIE ; HAMLYN ROBERT ; PAUL BRITTANY ; PENDLETON BRIAN

Agent(s): HASZKO DENNIS R

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: METHODS, PRODUCTS, AND SYSTEMS RELATING TO MAKING, PROVIDING, AND USING NANOCRYSTALLINE (NC) PRODUCTS COMPRISING NANOCRYSTALLINE CELLULOSE (NCC), NANOCRYSTALLINE (NC) POLYMERS AND/OR NANOCRYSTALLINE (NC) PLASTICS OR OTHER NANOCRYSTALS OF CELLULOSE COMPOSITES OR STRUCTURES, IN COMBINATION WITH OTHER MATERIALS

Abstract: Methods, apparatus, products, and/or systems relating to making or using nanocrystalline (NC) products comprising a combination of one or more of nanocrystalline cellulose (NCC), nanocrystalline (NC) polymers, nanocrystalline (NC) plastics or other nanocrystals of cellulose composites or structures that have been processed into one or more of solid, flake, particles or other forms with vapor processing, solid state processing, liquid processing or other processing methods that can optionally be combined with other materials for different nanocrystalline (NC) applications, products or uses, and the like.

Classifications:

International (IPC 8-9): A01N25/10 A01N25/30 A61K31/717 A61K49/00 A61L27/34 A61L27/50 A61P17/00 A61P39/00 A61P39/04 C08J3/20 C08L1/02 (Advanced/Invention)

CPC: A01N25/30 A61L27/34 A61L27/50 A61L2400/12 A01N25/10

US: 504/358

Family:

Publication number	Publication date	Application number	Application date
■ CA2898513 AA	20170127	CA20152898513	20150727
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Priority:

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Probable Assignee:

HEATH STEPHAN

Assignee(s): (std):

HEATH STEPHAN

Inventor(s): (std):

HEATH STEPHAN

Agent(s):

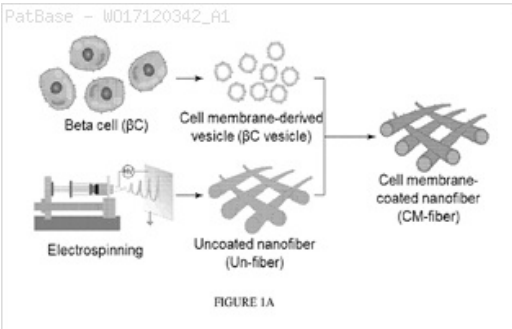
MILTONS IP PI

Title: CELLULAR OR VIRAL MEMBRANE COATED NANOSTRUCTURES AND USES THEREOF

Abstract: The present invention relates to viral or cellular membrane coated nanostructures. Nanostructure networks, nanoscaffolds and articles of manufacture comprising the nanostructure, and uses thereof, are also provided. The present invention also relates to methods for anchoring, attaching and/or growing a target cell. Target cells, constituent(s) of the target cells, target substances made by the target cells or culture medium of the target cells prepared by the present methods, and uses thereof, are also provided.

Classifications:

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CPC: A61K47/34 A61K9/0092 A61K35/00 A61L27/00 A61L15/40 A61L27/3604 A61L27/3637 A61L2400/12 Y02A50/492 C12N5/0676 C12N2533/40 C12N2533/50



Family:

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Probable Assignee: UNIV CALIFORNIA

Assignee(s): (std): UNIV CALIFORNIA

Assignee(s): THE UNIV OF CALIFORNIA

Inventor(s): (std): GAO WEIWEI ; ZHANG LIANGFANG

Agent(s): WARREN WILLIAM L ET AL

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