

6 Documents

Publication numbers	Title	Current assignees
US20100160871 A1	Reduced-pressure treatment systems and methods employing debridement mechanisms	KCI - KINETIC CONCEPTS, ...
US20100106186 A1	Reduced-pressure, abdominal treatment systems and methods	KCI - KINETIC CONCEPTS, ...
US20080275409 A1	Wound healing device	GENERAL HOSPITAL, ...
GB200409443 D0	Apparatus for aspirating, irrigating and/or cleansing of wounds	SMITH & NEPHEW
US20030021775 A1	Device for controlled enzymatic removal and retrieval of tissue	RAMOT AT TEL AVIV UNIVERSITY
WO201168310 A2	Portable vacuum generation device, and medical suction device using same	CG BIO

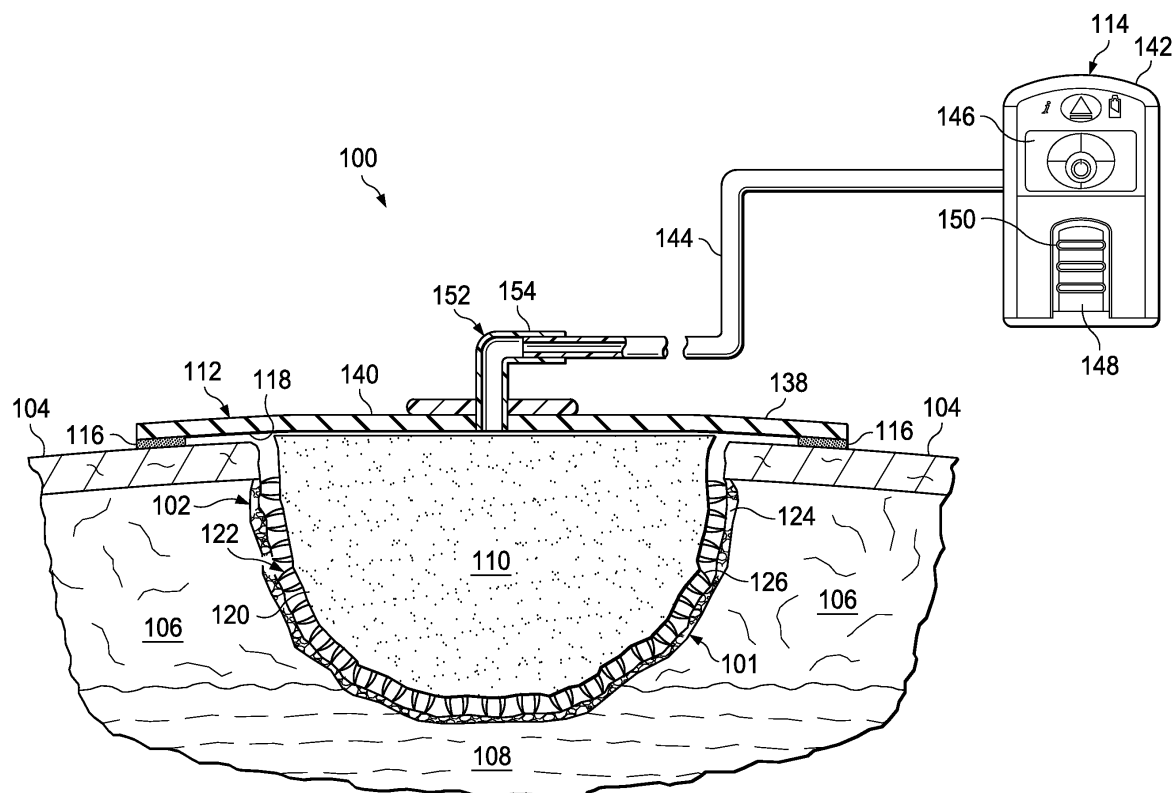
Family 1/6 - FAMPAT - ©Questel

Title

(EP2367517)

Reduced-pressure treatment systems and methods employing debridement mechanisms

Images



Publication data including kind & date

US20100160871	A1	2010-06-24	US20100160871				
WO2010075178	A2	2010-07-01	WO201075178				
CA2744956	A1	2010-07-01	CA2744956				
AU2009330297	A1	2010-07-01	AU2009330297				
TW201029683	A	2010-08-16	TW201029683				
WO2010075178	A3	2010-10-07	WO201075178				
MX2011006809	A	2011-07-12	MX2011006809				
SG171396	A1	2011-07-28	SG-171396				
EP2367517	A2	2011-09-28	EP2367517				
KR20110116141	A	2011-10-25	KR20110116141				
BRPI0918312	A2	2011-11-16	BR200918312				
CN102264334	A	2011-11-30	CN102264334				
JP2012513824	A	2012-06-21	JP2012513824				
US20120220924	A1	2012-08-30	US20120220924				
US20120220925	A1	2012-08-30	US20120220925				
IN5536/DELNP/2011	A	2012-12-07	IN2011DN05536				
RU2011122967	A	2013-01-27	RU2011122967				
US8486032	B2	2013-07-16	US8486032				
EP2367517	A4	2013-09-18	EP2367517				
US20130289500	A1	2013-10-31	US20130289500				
JP5385406	B2	2014-01-08	JP5385406				
CN102264334	B	2014-03-12	CN102264334B				
US9205000							

	B2	2015-12-08	US9205000				
BRPI0918312	A1	2016-06-28	BR200918312				
US9408750	B2	2016-08-09	US9408750				
US9492324	B2	2016-11-15	US9492324				
US20170028037	A1	2017-02-02	US20170028037				

Abstract

(EP2367517)

Reduced-pressure treatment systems and methods are disclosed that employ debridement mechanisms to remove unwanted tissue. In one instance, a reduced-pressure treatment system for treating a tissue site on a patient includes a manifold member for distributing reduced pressure to the tissue site, a support member for disposing proximate the tissue site and the manifold, and a debridement mechanism coupled to the support member. The debridement mechanism is for debriding the tissue site. The system further includes a sealing drape for placing over the tissue site and manifold member. The sealing drape is operable to form a fluid seal over the tissue site and manifold member. The system also includes a reduced-pressure subsystem for delivering a reduced pressure to the sealing drape. The system may further include a chemical-debridement subsystem. Other systems, manifolds, and methods are disclosed.

Inventors

SEEGERT CHARLES ALAN

WILKES ROBERT PEYTON

Latest standardized assignees - inventors removed

KCI - KINETIC CONCEPTS

KCI

LIFECCELL

Family 2/6 - FAMPAT - ©Questel

Title

(EP3225261)

Reduced-pressure, abdominal treatment systems and methods

Images

AU2009310392	A1	2010-05-06	AU2009310392				
AU2009310391	A1	2010-05-06	AU2009310391				
AU2009310389	A1	2010-05-06	AU2009310389				
AU2009310388	A1	2010-05-06	AU2009310388				
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EP2340066	A1	2011-07-06	EP2340066				
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US8142419	B2	2012-03-27	US8142419				
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US20120150133	A1	2012-06-14	US20120150133				
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EP2341955	B1	2012-12-05	EP2341955				
RU2011114221	A	2012-12-10	RU2011114221				
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EP2974755	A1	2016-01-20	EP2974755				
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US20160158067	A1	2016-06-09	US20160158067				
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CN103877627	B	2017-01-18	CN103877627B				
US9549856	B2	2017-01-24	US9549856				
CA2741742	C	2017-02-28	CA2741742				
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BRPI0914390	A1	2017-05-30	BRPI0914390				
JP6202692	B2	2017-09-27	JP6202692				
EP3225261	A1	2017-10-04	EP3225261				
JP2017221734	A	2017-12-21	JP2017221734				
US9895270	B2	2018-02-20	US9895270				
EP2594299	A3	2018-03-07	EP2594299				
EP2623137	A3	2018-03-28	EP2623137				
US9931249	B2	2018-04-03	US9931249				
CN103908705	B	2018-04-06	CN103908705B				
CN103877628	B	2018-04-06	CN103877628B				
US20180168867	A1	2018-06-21	US20180168867				
US10016307	B2	2018-07-10	US10016307				

Abstract

(EP3225261)

A reduced-pressure abdominal treatment system has an open-cavity treatment device for providing reduced-pressure treatment proximate a patient's abdominal contents; a deep-tissue closure device for applying a closing force on a deep-tissue wound on a patient's fascia; a surface-wound closure subsystem for providing a closing force on a surface wound on the patient's epidermis; and a reduced-pressure supply subsystem operable to develop a reduced pressure. Methods are also included.

Inventors

COWARD CHRISTOPHER GUY
 BEARD MARK STEPHEN JAMES
 HALL COLIN JOHN
 HARDMAN IAN JAMES
 HEATON KEITH PATRICK
 SEALY JAMES JOSEPH
 WHYTE DAVID

Latest standardized assignees - inventors removed

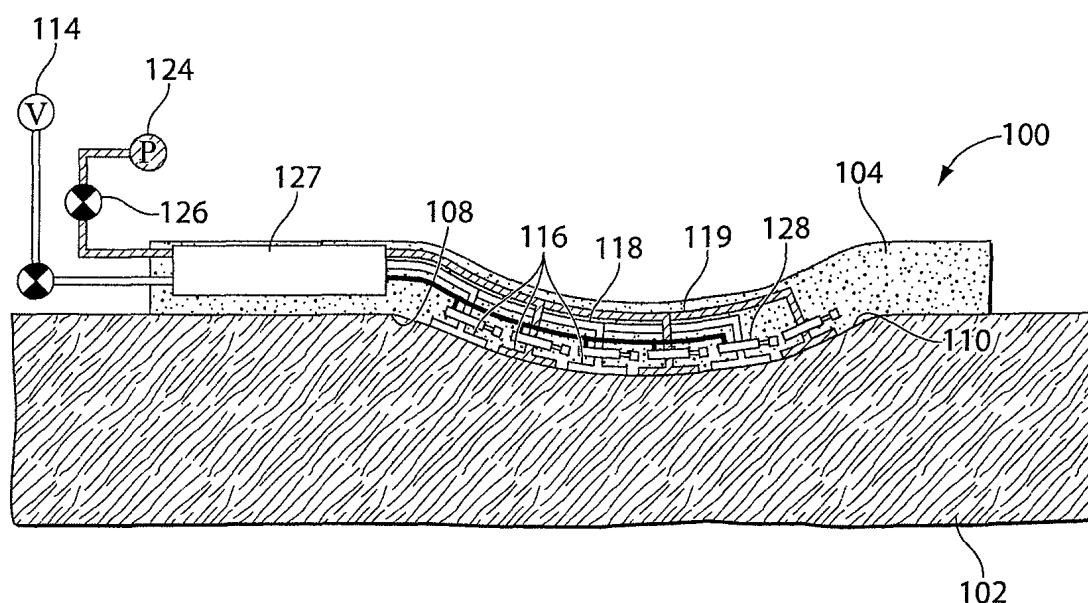
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 KCI
 LIFECELL

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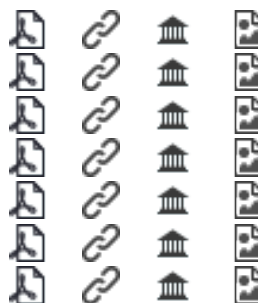
Title

(EP2152196)

Wound healing device

Images**Publication data including kind & date**

US20080275409	A1	2008-11-06	US20080275409
WO2008136998	A1	2008-11-13	WO2008136998
AU2008248261	A1	2008-11-13	AU2008248261
EP2152196	A1	2010-02-17	EP2152196
JP2010525873	A	2010-07-29	JP2010525873
CN101801311	A	2010-08-11	CN101801311
US8057446	B2	2011-11-15	US8057446

**Abstract**

(EP2152196)

Methods and devices transmit micromechanical forces locally on the millimeter to micron scale for promoting wound healing. Micromechanical forces can selectively be applied directly to tissue, in some embodiments, by using microchambers fluidically connected to microchannels. Each chamber, or in some cases, group of chambers, may be

associated with a valve to control vacuum pressure, positive pressure, liquid delivery, and/or liquid removal from each chamber or group of chambers. Application of embodiments of the invention may shorten wound-healing time, reduce costs of therapy, enable restoration of functional tissue, and reduce the need for more invasive therapies, including surgery.

Inventors

KANE BARTHOLOMEW J

ORGILL DENNIS P

Latest standardized assignees - inventors removed

GENERAL HOSPITAL

BRIGHAM & WOMEN S HOSPITAL

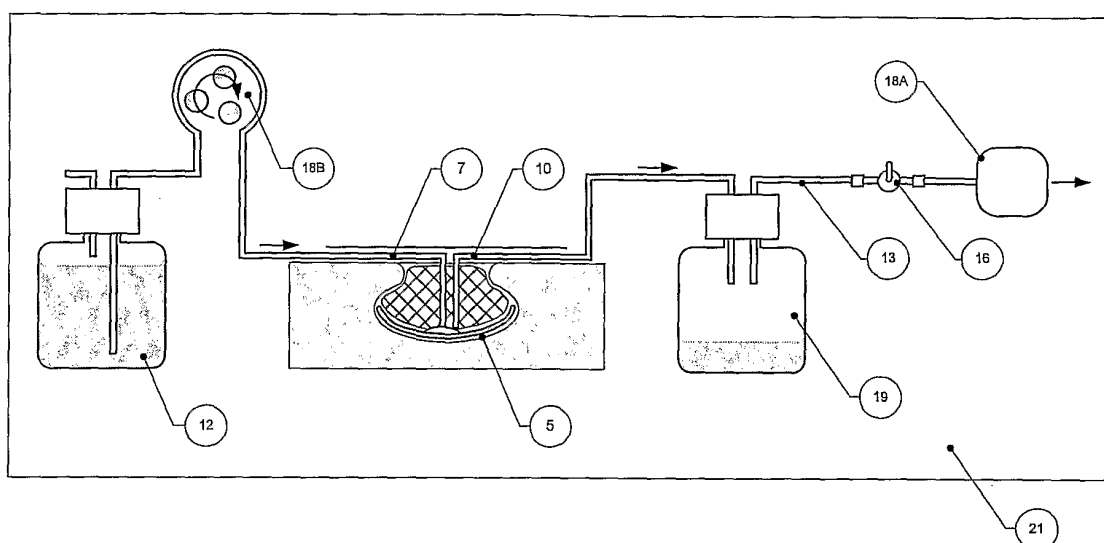
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Title

(EP1742684)

Apparatus for aspirating, irrigating and/or cleansing of wounds

Images



Publication data including kind & date

GB0409443	D0	2004-06-02	GB200409443
WO2005105180	A1	2005-11-10	WO2005105180
CA2563869	A1	2005-11-10	CA2563869
AU2005237828	A1	2005-11-10	AU2005237828
EP1742684	A1	2007-01-17	EP1742684
JP2007534407	A	2007-11-29	JP2007534407
US20090054855	A1	2009-02-26	US20090054855
AU2005237828	B2	2011-05-26	AU2005237828
JP5047780	B2	2012-10-10	JP5047780
EP1742684	B1	2013-08-14	EP1742684
ES2433662	T3	2013-12-12	ES2433662
CA2563869	C	2014-07-15	CA2563869



Abstract

(EP1742684)

An apparatus (1) for cleansing wounds (5) in which irrigant fluid from a reservoir (12) connected to a conformable wound dressing (2) and wound exudate from the dressing are moved by a device (which may be a single pump or two pumps) for moving fluid through a flow path which passes through the dressing and a means for providing simultaneous aspiration and irrigation of the wound, and means for supplying physiologically active agents to the wound. The former provides a desired

balance of fluid at a controlled nominal flow rate that removes materials deleterious to wound healing, while distributing materials that are beneficial in promoting wound healing over the wound bed. The latter maintains physiologically active agents at a level that promotes wound healing.

Inventors

BLOTT PATRICK LEWIS

HARTWELL EDWARD YERBURY

LEE-WEBB JULIAN

NICOLINI DEREK

Latest standardized assignees - inventors removed

SMITH & NEPHEW

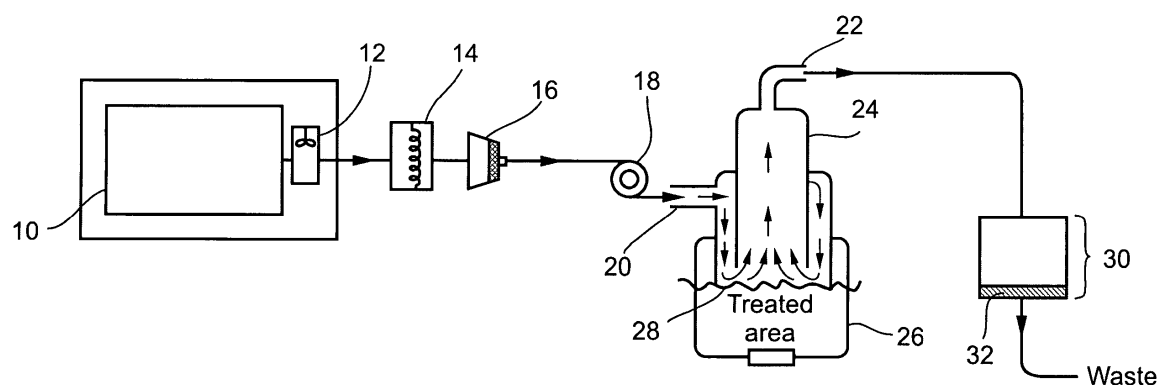
Family 5/6 - FAMPAT - ©Questel

Title

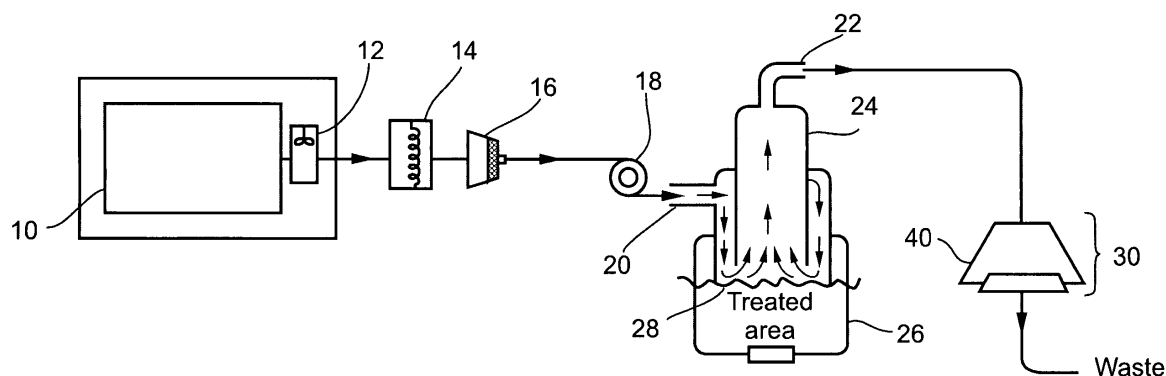
(EP1443988)

Device for controlled enzymatic removal and retrieval of tissue

Images



80



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Publication data including kind & date

US20030021775	A1	2003-01-30	US20030021775
WO03011369	A1	2003-02-13	WO200311369
IL160090	A	2004-06-20	IL-160090
EP1443988	A1	2004-08-11	EP1443988
US20040186421	A1	2004-09-23	US20040186421
EP1443988	B1	2007-09-12	EP1443988
AT372795	T	2007-09-15	ATE372795
DE60222457	D1	2007-10-25	DE60222457
US7364565	B2	2008-04-29	US7364565



[DE60222457](#)

T2 2008-06-12 DE60222457

[IL160090](#)

B 2008-07-08 IL-160090

**Abstract**

(EP1443988)

Methods, devices and pharmaceutical compositions for the controlled, non-surgical removal and retrieval of cells from a plurality of skin lesions and tissue surfaces are disclosed. A synergistic effect of proteolytic digestion of the intracellular matrix and "stripping" flow is achieved by treating a defined area with a controlled, continuous stream of proteolytic enzyme solution, causing gentle but effective tissue erosion. Isolated cells from the skin lesion and/or tissue surface may be collected from the protease solution stream for histological analysis and/or cell culture, affording a method of "enzymatic biopsy". The protease solution may be supplemented with anesthetics, coagulants, anticoagulants and antibiotics to decrease the discomfort, erythema, bleeding, risk of infection and scarring traditionally associated with surgical treatment of skin lesions. Furthermore, in the present invention delivery of precise levels of catalytic activity is ensured by controlled activation of stable, inactivated enzyme stock solutions and powders shortly prior to application.

Inventors

FREEMAN AMIHAY

Latest standardized assignees - inventors removed

RAMOT AT TEL AVIV UNIVERSITY

Family 6/6 - FAMPAT - ©Questel

Title

(EP2508214)

Portable vacuum generation device, and medical suction device using same

Images

vacuum state, in which the vacuum pump controller blocks the power supply for the vacuum pump until pressure of the vacuum pump falls down to preset minimum pressure in the case that the current pressure that is applied to the vacuum pump reaches preset maximum pressure, and drives the vacuum pump until pressure of the vacuum pump reaches the preset maximum pressure in the case that the current pressure falls down to the preset minimum pressure.

Inventors

RYU HYUN SEUNG

HONG JOON PIO

PARK MYONG CHUL

PARK JUN KYU

Latest standardized assignees - inventors removed

CG BIO