

1) Family number: 43229344 (US2009123525A)

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Title: ADSORBENT-CONTAINING HEMOSTATIC DEVICES

Abstract: The present invention utilizes a combination of a porous carrier and an adsorbent such as a molecular sieve to make a more effective hemostatic device to treat wounds in mammalian animals. These hemostatic devices contain additives that do not inhibit hemostasis.

Classifications:

International (IPC 8-9): A61F13/00 A61F13/02 A61K31/785 A61K33/00 A61K33/06 A61K33/42 A61K45/06 A61L15/16 A61L15/18 A61L15/22 A61L15/24 A61L15/42 C08L33/26 D21H13/10 D21H17/41 D21H17/67 D21H21/10 (Advanced/Invention);
A61F13/02 A61L15/22 A61L15/42 C08L33/26 (Advanced/Non-invention);
A61F13/00 A61K33/00 A61K33/06 A61K33/42 (Core/Invention)

International (IPC 1-7): A61F13/00

CPC: A61K33/06 A61F2013/00463 A61K45/06 A61L15/18 A61L15/24 A61L15/425 A61L2400/04

European: A61K33/06 A61K45/06 A61L15/18 A61L15/24 A61L15/42E K61F13/00L1H K61L400/04

US: 424/443 424/443P 424/447 424/600 424/600S 424/601 424/601S 424/684 424/684S 424/78.35

Family:

Publication number	Publication date	Application number	Application date
EP2207508 A1	20100721	EP20080848224	20081007
EP2207508 A4	20121226	EP20080848224	20081007
EP2207508 B1	20160608	EP20080848224	20081007
IN03449DN2010 A	20101022	IN2010DN03449	20100517
JP2011502635 T2	20110127	JP20100533138T	20081007
JP5627463 B2	20141119	JP20100533138T	20081007
KR101484554 B1	20150122	KR20107012157	20081007
KR20100105573 A	20100929	KR20107012157	20081007
US2009123525 AA	20090514	US20070937527	20071109
US8883194 BB	20141111	US20070937527	20071109
WO09061575 A1	20090514	WO2008US79061	20081007

Priority:

US20070937527 20071109 WO2008US79061 20081007

Probable Assignee: HONEYWELL INT INC

Assignee(s): (std): BEDARD ROBERT L ; HONEYWELL INT INC ; UOP LLC ; WILCHER STEVEN A

Assignee(s): HONEYWELL INTERNATIONAL INC ; HONEYWELL INT

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

2) Family number: 64694440 (US2017014282A)

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Title: TREATED NONWOVEN HAVING AN AFFINITY FOR AN ACTIVE INGREDIENT

Abstract: A nonwoven having a high affinity for an active ingredient is proved, the nonwoven having at least one high surface area fiber in addition to the active ingredient.

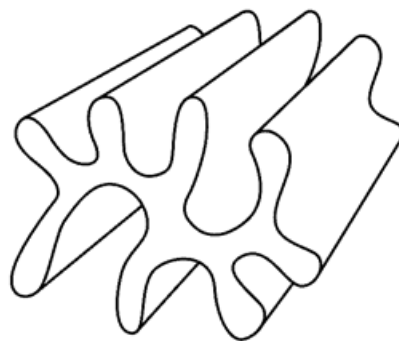
Classifications:

International (IPC 8-9): A61F13/15 A61F13/51 A61F13/511 A61L15/24 A61L15/44 A61L15/46 A61L15/56 D04H1/4374 D04H1/4391 D04H3/018 D06M13/207 (Advanced/Invention)

International (IPC 1-7): A61F13/511

CPC: A61F13/51113 A61F13/15658 A61L15/24 A61L15/56 A61L15/44 A61F2013/51009 A61F13/511 D04H1/4391 D04H3/018 A61F2013/51023 A61F2013/51028 A61F2013/5109 A61F2013/51117 A61L2300/21 D04H1/4374 A61L15/46 A61F2013/51186

US: 604/359

**Family:**

Publication number	Publication date	Application number	Application date
AU2016291767 AA	20180104	AU20160291767	20160713
BR112018000648 A2	20181002	BR20181100648	20160713
CA2990695 AA	20171221	CA20162990695	20160713
CN107847372 A	20180327	CN201680041293	20160713
CO20180001251 A2	20180510	CO20180001251	20180206
EP3322394 A1	20180523	EP20160744616	20160713
IN201737046782 A	20180824	IN201737046782	20171227
JP2018523021 T2	20180816	JP20180501240T	20160713
KR20180030516 A	20180323	KR20187000907	20160713
MX2018000379 A1	20180314	MX20180000379	20160713
US2017014282 AA	20170119	US20160208845	20160713
WO17011500 A1	20170119	WO2016US41994	20160713

Priority:

US20150191847P 20150713 US20160208845 20160713 WO2016US41994 20160713

Probable Assignee: AVINTIV SPECIALTY MATERIALS INC

Assignee(s): (std): AVINTIV SPECIALTY MAT INC ; AVINTIV SPECIALTY MATERIALS INC

Assignee(s): BANK OF AMERICA ; BANK OF AMERICA NA ; ERLANDSSON SVEN KRISTER ; GRONDIN PIERRE ; MOODY RALPH A III ; CREDIT SUISSE CAYMAN ISLANDS BRANCH AG ; US BANK NATIONAL ASSOCIATION COLLATERAL AGENT AS

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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

3) Family number: 44016532 (US2009291124A)

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Title: FUNCTIONAL NANO-LAYERED HEMOSTATIC MATERIAL/DEVICE

Abstract: The present invention utilizes a nano-coating of an oxide such as silica, a silicate or another effective oxide on a surface to accelerate blood clotting in mammalian animals. The hemostatic layer has a thickness that is effective for the hemostasis, yet can be made thin enough to result in a resorbable film which can either be applied to a biocompatible or resorbable device that can be used in surgical applications as well as in topical applications such as trauma.

Classifications:

International (IPC 8-9): A61F13/02 A61K38/16 A61K38/19 A61K38/36 A61L15/00 A61L15/16 A61L15/18 A61L15/42 A61L15/44 A61L15/64 A61L33/02 A61P17/02 (Advanced/Invention);

A61F13/02 A61K38/00 A61K38/16 A61K38/19 A61K38/36 A61L15/00 A61L15/16 A61L33/00 A61P17/00 (Core/Invention)

International (IPC 1-7): A61L15/00 A61L15/16 A61P17/02

CPC: A16L15/18 A61L15/18 A61L15/44 A61L2300/10 A61L2300/418 A61L2300/45 A61L2300/606 A61L2400/04 A61L2400/12 Y10T442/20 Y10T442/2525

European: A61L15/18 A61L15/44 K61L300/10 K61L300/418 K61L300/450 K61L300/606 K61L400/04 K61L400/12

US: 424/444 424/445 424/445S 424/447 424/601 424/682 424/684 424/688 424/724 424/85.1 424/85.100S 442/123 442/59 514/1.1 514/1.100P 514/2 514/2.4 514/2.400S 514/6.9 514/6.900S 514/8 514/9.4 514/9.400S

Family:

Publication number	Publication date	Application number	Application date
AT516822 E	20110815	AT20090160556T	20090518
CA2666158 AA	20091122	CA20092666158	20090520
CA2666158 C	20170411	CA20092666158	20090520
CN101584875 A	20091125	CN200910149756	20090521
CN101584875 B	20150902	CN200910149756	20090521

DE602009001853 D1	20110915	DE200960001853T	20090518
EP2123309 A2	20091125	EP20090160556	20090518
EP2123309 A3	20100324	EP20090160556	20090518
EP2123309 B1	20110720	EP20090160556	20090518
IN01049DE2009 A	20100430	IN2009DE01049	20090522
IN282245 B	20170407	IN2009DE01049	20090522
JP2009297507 A2	20091224	JP20090123062	20090521
JP5525184 B2	20140618	JP20090123062	20090521
KR101678391 B1	20161122	KR20090044904	20090522
KR20090122147 A	20091126	KR20090044904	20090522
MX20090005327 A1	20091218	MX20090005327	20090520
US2009291124 AA	20091126	US20080125096	20080522
US8795718 BB	20140805	US20080125096	20080522

Priority:

US20080125096 20080522 EP20090160556 20090518

Probable Assignee: HONEYWELL INT INC

Assignee(s): (std): HONEYWELL INT INC ; BEDARD ROBERT L ; WILCHER STEVEN A

Assignee(s): HONEYWELL INT ; HONEYWELL INT INC MORRISTOWN ; HONEYWELL INTERNATIONAL INC ; UOP LLC ; HONEYWELL INTERNATL INC

Inventor(s): (std): BEDARD ROBERT L ; WILCHER STEVEN A

Inventor(s): ROBERT L BEDARD ; BEDARD ROBERT L MORRISTOWN

Agent(s): GOWLING WLG CANADA LLP; HALEY STEPHEN; HUCKER CHARLOTTE JANE; MATSUDA TOYOHARU; ONO SHINJIRO; SHAMOTO ICHIO; KOBAYASHI YASUSHI; TOMITA HIROYUKI; CHIBA AKIO; HONEYWELL INT INC PATENT SERVICES

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

4) Family number: 28577553 (US2003100877A)

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Title: ABSORBENT GARMENT WITH INCORPORATED SKIN WELLNESS INGREDIENTS

Abstract: An absorbent garment comprising skin wellness ingredients is disclosed, where the skin wellness ingredients are incorporated into an adhesive used in the assembly of the garment. By incorporating the skin wellness ingredients into the adhesive, the skin wellness ingredients can be precisely placed on those portions of the absorbent garment where at least perceived skin care benefits for the wearer's skin are desired.

Classifications:

International (ipc 8-9): A01N25/34 A61F13/15 A61K36/886 A61K8/02

A61K8/97 A61K9/70 A61L15/16 A61L15/18 A61L15/34 A61L15/46

A61Q19/00 (Advanced/Invention);

A01N25/34 (Core/Invention)

International (ipc 1-7): A01N25/34 A61F13/00 A61F13/15 A61F13/20

A61K35/78 A61K35/80 A61K9/70 A61L15/16

CPC: A61F13/539 A61F13/15577 A61F13/8405 A61F2013/53908

A61K8/0208 A61K8/97 A61L15/18 A61L15/34 A61L15/46 A61L2300/102

A61L2300/30 A61L2300/428 A61Q19/00

European: A61F13/15M A61F13/539 A61F13/84B A61K8/02 A61K8/02C

A61K8/97 A61L15/18 A61L15/34 A61L15/46 A61Q19/00 K61F13/539A

K61F13/84B K61K201/10 K61L300/102 K61L300/300 K61L300/428

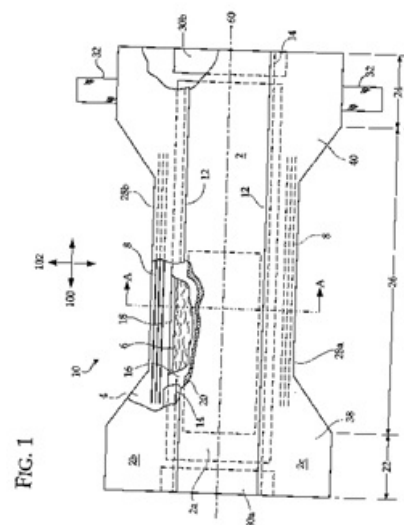
US: 424/195.17 424/195.170S 424/195.18 424/195.180S 424/402

424/402P 424/744 424/744S 424/745 424/745S 424/769 424/769S

604/385.23 604/385.230P

PatBase - US2003100877_AA

Patent Application Publication May 29, 2003 Sheet 1 of 2 US 2003/010877 A1



Family:

Publication number	Publication date	Application number	Application date
AU2002346453 AA	20030610	AU20020346453	20021120
CA2466786 AA	20030605	CA20022466786	20021120
MXPA04005007 A1	20040811	MX2004PA05007	20021120
US2003100877 AA	20030529	US20010993884	20011127
US2004043049 AA	20040304	US20030601568	20030624
US2006029629 AA	20060209	US20050243314	20051005

Priority:

US20010993884 20011127 WO2002US37228 20021120 US20030601568 20030624
US20050243314 20051005

Probable Assignee: PARAGON TRADE BRANDS INC

Assignee(s): (std): ERDMAN CAROL L ; PARAGON TRADE BRANDS INC

Assignee(s): TYCO HEALTHCARE RETAIL SERVICES AG

Inventor(s): (std): CAROL L ERDMAN ; ERDMAN CAROL L

Inventor(s): ERDMAN CAROL

Agent(s): PIASETZKI AND NENNIGER LLP; HUNTON AND WILLIAMS LLP, INTELLECTUAL PROPERTY DEPARTMENT;
HUNTON AND WILLIAMS LLP INTELLECTUAL PROPERTY DEPARTMENT

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
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SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

5) Family number: 34712664 (US2007154509A)

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Title: ADSORBENT-CONTAINING HEMOSTATIC DEVICES

Abstract: The present invention utilizes a combination of a porous carrier and an adsorbent such as a molecular sieve to make a more effective hemostatic device to treat wounds in mammalian animals. These hemostatic devices provide a lower heat rise to the skin as compared to direct application of zeolites to the skin.

Classifications:

International (ipc 8-9): A61B17/12 A61B17/132 A61F13/00 A61L15/00 A61L15/08 A61L15/18 A61L15/42 A61L15/44 A61L27/00
A61M27/00 A61P7/04 (Advanced/Invention);
A61M37/00 (Advanced/Non-invention);
A61B17/12 A61F13/00 A61L15/00 A61L15/16 A61L27/00 A61M27/00 A61P7/00 (Core/Invention)

International (ipc 1-7): A61F13/00

CPC: A61F13/00034 A61F13/00063 A61F13/0206 A61F2013/00255 A61F2013/00463 A61F2013/00472 A61F2013/00697
A61F2013/00736 A61F2013/00744 A61F2013/00863 A61F2013/0091 A61F2013/00927 A61F2013/00936 A61L15/18 A61L15/425
A61L2400/04

European: A61F13/00A6 A61F13/00B6 A61F13/02B2 A61L15/18 A61L15/42E K61F13/00J13B K61F13/00L10B K61F13/00L12B
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US: 424/422 424/422P

Family:

Publication number	Publication date	Application number	Application date
AU2006342033 AA	20071025	AU20060342033	20061218
BRPI0620829 A2	20111122	BR2006PI20829	20061218
CA2635731 AA	20080627	CA20062635731	20061218
CN101389297 A	20090318	CN200680053550	20061218
DE06850980 T1	20090423	DE20060850980T	20061218
EP1983951 A2	20081029	EP20060850980	20061218
EP1983951 A4	20120530	EP20060850980	20061218
EP1983951 B1	20190220	EP20060850980	20061218
IN05690DN2008 A	20080926	IN2008DN05690	20080630
JP2009522019 T2	20090611	JP20080548807T	20061218
JP5340743 B2	20131113	JP20080548807T	20061218
KR101330011 B1	20131122	KR20087018823	20061218
KR20080091360 A	20081010	KR20087018823	20061218
RU2008131328 A	20100210	RU20080131328	20061218
US2007154509 AA	20070705	US20060609952	20061213
US2007154510 AA	20070705	US20060610443	20061213
WO07120342 A2	20071025	WO2006US62214	20061218
WO07120342 A3	20080731	WO2006US62214	20061218

Priority:

US20050755044P 20051230 US20060609952 20061213 US20060610443 20061213
WO2006US62214 20061218

Probable Assignee: HONEYWELL INT INC

Assignee(s): (std): BEDARD ROBERT L ; UOP LLC ; WILCHER STEVE A

Assignee(s): HONEYWELL INT ; HONEYWELL INT INC

Inventor(s): (std): WILCHER STEVE A ; BEDARD ROBERT L ; BERDARD ROBERT L

Inventor(s): ROBERT L BERDARD ; STEVE A WILCHER ; ROBERT L BEDARD ; BEDARD ROBERT ; WILCHER STEVE

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOWLING LAFLEUR HENDERSON LLP;
BUCKLEY GUY JULIAN; CROOKS ELIZABETH CAROLINE; ONO SHINJIRO; SHAMOTO ICHIO; KOBAYASHI
YASUSHI; NAKATA HISASHI; TOMITA HIROYUKI; CHIBA AKIO; HONEYWELL INTELLECTUAL PROPERTY INC,
PATENT SERVICES; HONEYWELL INTELLECTUAL PROPERTY INC PATENT SERVICES

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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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