

1) Family number: 13178015 (US6010776A)

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Title: MICROPOROUS MATERIALS CONTAINING CROSS-LINKED OIL**Abstract:** Microporous materials formed by thermally induced phase transition from a crosslinkable oil in combination with a thermoplastic polymer providing covalent bonding and immobilization of the oil diluent. Such materials are useful in graphic imaging substrates and fluid-repellent diapers and garments.**Classifications:****International (IPC 8-9):** B01D67/00 B01D71/26 B29C67/20 C08F255/02 C08J9/26 C08J9/28 (Advanced/Invention); C08J9/28 (Advanced/Non-invention);

B01D67/00 B01D71/00 B29C67/20 C08F255/00 C08J9/00 (Core/Invention)

International (IPC 1-7): B01D67/00 B01D71/26 B32B3/26 C08F255/02 C08J9/26 C08J9/28 C08K5/103 C08K51/03 C08L101/00**CPC:** Y10T428/249954 Y10T428/249978 Y10T428/24998 C08J9/28 B01D67/0027 B01D67/003 B01D71/26 B01D2323/12 B29C67/20 C08F255/02 C08J2201/052 C08J2323/12**European:** B01D67/00K18B10 B01D67/00K18D B01D71/26 B29C67/20 C08F255/02 C08J9/28 L01D323/12 M08J201/052 M08J323/12**US:** 428/305.5 428/315.5 428/315.9 521/61**Family:**

Publication number	Publication date	Application number	Application date
■ CN1308651 A	20010815	CN19998006433	19990421
■ DE69902587 D1	20020926	DE19996002587	19990421
■ DE69902587 D1	20020926	DE19996002587T	19990421
■ DE69902587 T2	20030417	DE19996002587T	19990421
■ EP1080144 A1	20010307	EP19990918779	19990421
■ EP1080144 B1	20020821	EP19990918779	19990421
■ JP2002515529 T2	20020528	JP20000549669T	19990421
■ KR100579684 B1	20060515	KR20007012983	19990421
■ KR20010025046 A	20010326	KR20007012983	19990421
■ US6010776 A	20000104	US19980081239	19980519
■ WO9960054 A1	19991125	WO1999US08828	19990421

Priority:

US19980081239 19980519

WO1999US08828 19990421

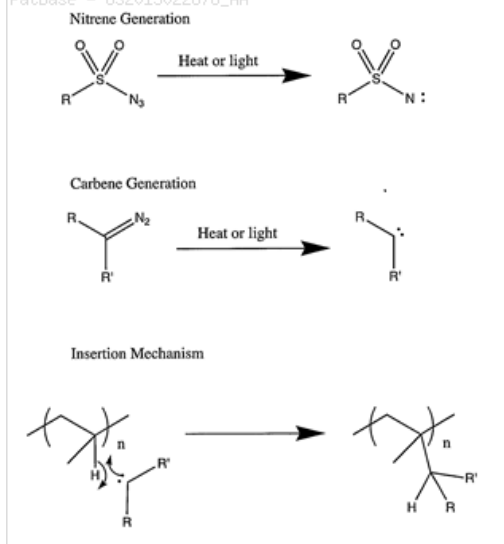
KR20007012983 20001118

Probable Assignee: 3M CO**Assignee(s):** (std): 3M CO ; 3M CO MINNESOTA MINING AND MFG COMPANY ; 3M INNOVATIVE PROPERTIES CO ; 3M INNOVATIVE PROPERTIES COMPA**Assignee(s):** MINNESOTA MINING AND MFG ; 3M INNOVATIVE PROPERTIES COMPANY ; MINNESOTA MINING AND MFG CO ; 3M INNOVATIVE PROPERTIES CO SAINT PAUL**Inventor(s):** (std): EXSTED B J ; EXSTED BERT J ; EXSTED J ; KAYTOR R ; KAYTOR SCOTT R ; MAHONEY B ; MAHONEY SEAN B ; MAILAND JEFFREY M ; MAILAND M ; MAILAND S R ; MAKI J ; MAKI R J ; MAKI ROBERT J ; ALLISON CLAUDIA L ; ALLISON L**Inventor(s):** BJ EXSTED ; RJ MAKI ; SR MAILAND ; S R MAILAND ; R J MAKI ; B J EXSTED**Designated states:** AT BE CH CN CY DE DK ES FI FR GB GR IE IT JP KR LU MC NL PT SE

2) Family number: 52826163 (US2013022876A)

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Title: SURFACE MODIFIED POLYMERIC MATERIALS, MODIFIED FUNCTIONALIZED POLYMERS, FUNCTIONAL POLYMERS, AND METHODS**Abstract:** The present invention relates to new, improved or modified polymer materials, membranes, substrates, and the like and to new, improved or modified methods for permanently modifying the physical and/or chemical nature of surfaces of the polymer materials, membranes, or substrates for a variety of end uses or applications. For example, one improved method uses a carbene and/or nitrene modifier to chemically modify a functionalized polymer to form a chemical species which can chemically react with the surface of a polymer substrate and alter its chemical reactivity. Furthermore, this invention can be used to produce chemically modified membranes, fibers, hollow fibers, textiles, and the like.**Classifications:****International (IPC 8-9):** B32B27/12 B32B27/16 B32B27/32 B32B3/26 B32B5/02 B32B5/18 B32B9/00 C07H21/02 C07H21/04 C07K14/00 C08B37/00 C08F10/02 C08F10/06 C08G83/00 C08J5/04 C08J5/18 C08J5/22 C08J7/00 C08J7/04 C08J7/12 C08J9/36 C08L23/26 D02G3/22 H01M2/14 H01M2/16 (Advanced/Invention)**CPC:** H01M2/162 B32B27/12 B32B27/16 B32B27/32 B32B2305/026 B32B2457/10 C08J5/04 C08J5/18 C08J5/22 C08J7/12 C08J2323/02 Y10T428/249921 Y10T428/249978 Y10T428/2975 Y10T442/2148 C08J9/36**US:** 428/221 428/315.5 428/398 429/246 429/249 429/254 442/77 521/50 525/50 525/55 530/402 536/123.1 536/23.1

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JP2014527476 T2	20141016	JP20140521727T	20120718
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WO13012905 A3	20130516	WO2012US47160	20120718

Priority:

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Probable Assignee: CELGARD LLC**Assignee(s):** (std): CELGARD LLC ; HUMISTON KARL F ; STOKES KRISTOFFER K**Assignee(s):** CELGARD LLC F K A CELGARD INC ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS**Inventor(s):** (std): STOKES KRISTOFFER K ; KRISTOFFER K STOKES ; KARL F HUMISTON ; HUMISTON KARL F**Agent(s):** BRAUN ANDRE JR; YAMADA YUKI; HIROSE HAJIME; MORI TETSUYA; HAMMER AND ASSOCIATES PC; HAMMER III ROBERT H 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

3) Family number: 31497173 (US2002188057A)

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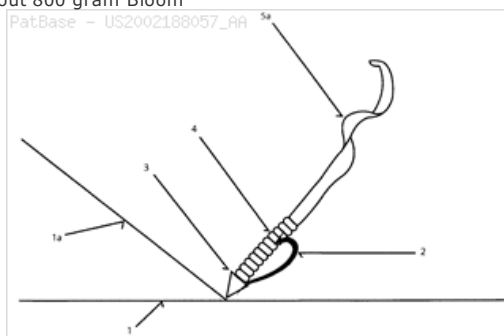
Title: GELATINOUS ELASTOMER COMPOSITIONS AND ARTICLES FOR USE AS FISHING BAIT

Abstract: A soft gelatinous elastomer composition and article useful as fishing bait formed from one or a mixture of two or more of a poly(styrene-ethylene-butylene-styrene) block copolymer(s) and one or more plasticizers being in sufficient amounts to achieve a gel rigidity of from about 20 gram Bloom to about 800 gram Bloom

Classifications:

International (IPC 8-9): A01K84/00 A01K85/00 A01K85/01 A01K97/04 A01N15/00 A01N25/00 A23L1/00 A23L1/05 A23L1/317 A23L1/325 A23L13/60 A23L17/00 A23L29/20 A46B1/00 A46B9/04 A47C17/00 A47C27/00 A47C7/00 A61B A61B18/20 A61B19/00 A61C15/00 A61C15/04 A61F A61F2/06 A61F2/78 A61F2/80 A61F9/007 A61F9/008 A61K31/70 A61K47/00 A61M5/00 A61M5/158 A63H1/32 A63H27/18 A63H33/18 B01D61/38 B21D26/02 B21D26/055 B21D37/20 B29C67/20 B32B27/00 B32B27/22 B32B27/30 B60K28/00 B60K3/00 B60R21/16 B60R21/26 B60R22/00 B61C15/00 B63B11/04 B63B9/08 B68G11/04 B68G5/00 C08F1/28 C08F175/00 C08F297/04 C08J5/02 C08K3/00 C08K5/01 C08K5/24 C08L1/00 C08L23/16 C08L25/10 C08L51/00 C08L53/00 C08L53/02 C08L53/05 C08L9/00 C09D11/02 C09J153/02 C09J7/02 C10G1/04 C21D8/02 C22C38/42 C22C38/48 C22C38/50 C22C38/54 C22C38/58 G01N33/56 G01N33/57 H02N1/00 H02N2/00 (Advanced/Invention);

A61F2/78 A61M5/31 C08L101/00 (Advanced/Non-invention); A01K85/00 A01K85/01 A01K97/04 A01N25/00 A23L1/05 A23L1/317 A23L1/325 A47C17/00 A47C27/00 A47C7/00 A61B18/20 A61B19/00 A61C15/00 A61F2/06 A61F2/50 A61F9/007 A61K31/70 A61K47/00 A61M5/00 A61M5/14 A63H1/00 A63H33/00 B01D61/38 B21D26/00 B21D37/20 B29C67/20 B32B27/00 B32B27/22 B32B27/30 B60K28/00 B60K3/00 B60R21/16 B60R21/26 B60R22/00 B63B11/00 B63B9/00 B68G5/00 C08F297/00 C08K3/00 C08K5/00 C08L1/00 C08L23/00 C08L25/00



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Locarno class: 24/58

Family:

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Priority:

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Probable Assignee: APPLIED ELASTOMERICS INC

Assignee(s): (std): APPLIED ELASTOMERICS INC ; BOEING CO ; CHEN JOHN Y ; TOPCON CORP

Assignee(s): TOPCON KK ; THE BOEING COMPANY ; TOPCON 75 1 HASUNUMA CHO ITABASHI KU TOKYO KK ; KABUSHIKI KAISHA TOPCON ; PATENT AND LICENSE OFFICE ; ALLIED ELASTOMERICS INC

Inventor(s): (std): NEMOTO IORI ; NOMURA KAZUHISA ; OYAGI WATARU ; SAGEHASHI HIDEO ; WATARU OYAGI ; SANDERS DANIEL G ; CHEN JOHN YOUNGFU ; CHEN JOHN YOUNG FU ; CHEN JOHN Y ; IORI MOTOGI ; KAZUHISA NOMURA

Inventor(s): MOTOGI IORI ; CHEN JOHN ; OYAGI WATARU ; JOHN Y CHEN

Agent(s): GOWLING LAFLEUR HENDERSON LLP; LUNG TIN INT PATENT AND TRADEMARK AGENT LTD ROOM 1512 15 F WEST; APPLIED ELASTOMERICS INC; ARMSTRONG KRATZ QUINTOS HANSON AND BROOKS LLP; JOHN Y CHEN APPLIED ELASTOMERICS INC

Designated states: AT AU BE BR CA CH CN CZ DE DK ES FI FR GB GE GR HU IE IT JP KR LU MC NL NO NZ PL PT RO RU SE US VN

4) Family number: 30652200 (US2004110901A) © PatBase

Title: GRAFTED CYCLODEXTRIN

Abstract: Thermoplastic polymer compositions, films, continues, closures, laminates can comprise a modified vinyl polymer said modified polymer having a moiety comprising a cyclodextrin compound. The cyclodextrin compound, locked into the polymer structure, can absorb impurities, permeants, or other undesirable volatile materials. The cooperation between the cyclodextrin grafted onto the thermoplastic polymer and the polymer structure can provide barrier properties to a film, web or other polymer structure. A permeant or a contaminant can be complexed or trapped within the polymer and held within the film or Web preventing the permeant or contaminant from passing into the interior of a container or enclosure.

Classifications:

International (IPC 8-9): B28B3/20 B29B9/12 B32B1/08 B32B27/10 B32B27/32 B65D39/18 B65D53/06 B65D65/02 B65D65/38 B65D75/28 C08B C08B31/00 C08B37/00 C08B37/16 C08F C08F16/06 C08F267/04 C08F299/00 C08G61/00 C08G63/91 C08J C08J3/20 C08J5/00 C08J5/18 C08K5/20 C08L C08L23/00 C08L23/02 C08L23/04 C08L23/06 C08L23/16 C08L23/26 C08L29/00 C08L5/16 C08L51/00 C08L67/02 C32B28/08 D02G3/02 F16L11/04 (Advanced/Invention); B29K23/00 C08B37/16 C08L51/06 (Advanced/Non-invention); B32B27/32 C08B37/00 C08L29/00 (Core/Invention); C08L (Subclass/Invention); C08B C08F C08J (Subclass/Non-invention)

International (IPC 1-7): B29B9/12 B29K23/00 B65D1/00 B65D65/38 B65D75/28 C08B37/16 C08F299/00 C08J3/20 C08J5/00 C08J5/18 C08K5/20 C08L23/02 C08L23/04 C08L23/26 C08L5/16 C08L51/00 C08L51/02 C08L67/02

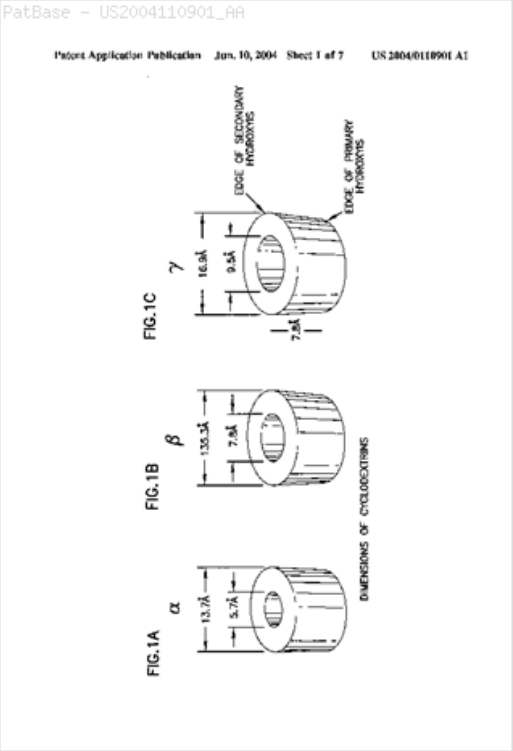
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US: 106/287.29 106/287.290S 264/176.1 264/176.100S 427/385.5 427/385.500S 428/220 428/220P 428/220S 428/292.7 428/315.9 428/339 428/34.1 428/35.7 428/35.700S 428/355EN 428/36.91 428/36.910P 428/36.92 428/373 428/373S 428/401 428/401S 428/511 428/511S 428/513 428/606 428/606P 428/77 428/77S 442/334 442/334S 442/351 442/351S 442/401 442/401S 524/210 524/48 525/178 525/185 525/186 525/187 525/190 525/207 525/231 525/231S 525/240 525/240S 525/264 525/285 525/326.1 525/327.4 525/329.5 525/451 525/54.2 525/54.200P 525/54.200S 525/54.21 525/54.23 525/54.24 525/54.240S 525/54.26 525/54.3 525/55 525/55S 525/64 525/64S 525/69 525/69P 525/7 525/70 525/70P 525/70S 526/238.22 526/238.220S 528/396 528/396S

Family:

Publication number	Publication date	Application number	Application date
CA2452293 AA	20040610	CA20032452293	20031205
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CA2531311 AA	20060627	CA20052531311	20051221
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CN1609138 A	20050427	CN200310124963	20031210
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HK1075059 B	20071026	HK20050107300	20050822
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JP4970706 B2	20120711	JP20030397846	20031127
KR101120203 B1	20120323	KR20030089771	20031210
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MX347751 B	20170511	MX20080011193	20051208
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MXPA05013342 A1	20060626	MX2005PA13342	20051208
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US2005131119 AA	20050616	US20040023288	20041227
US2006182917 AA	20060817	US20060403457	20060413



US2006183856 AA	20060817	US20060403446	20060413
US2006183857 AA	20060817	US20060403480	20060413
US2006205873 AA	20060914	US20060429579	20060505
US2007264520 AA	20071115	US20070761105	20070611
US2008032110 AA	20080207	US20070761017	20070611
US7166671 BB	20070123	US20030672297	20030925
US7365123 BB	20080429	US20060403446	20060413
US7385004 BB	20080610	US20040023288	20041227
US7605199 BB	20091020	US20060429579	20060505
US7795333 BB	20100914	US20060403480	20060413
US8129450 BB	20120306	US20070761105	20070611
US8334343 BB	20121218	US20070761017	20070611
US8501308 BB	20130806	US20060403457	20060413

Priority:

US20020432523P	20021210	US20030672297	20030925	CA20032452293	20031205
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US20070761105	20070611	US20070761017	20070611		

Probable Assignee: CELLRESIN TECHNOLOGIES LLC

Assignee(s): (std): BEAVERSON NEIL J ; BOHRER TIMOTHY H ; CELLRESIN TECH LLC ; CELLRESIN TECHNOLOGIES LLC ; KELLENBERGER STANLEY R ; WOOD WILLARD E ; SEETHAMRAJU KASYAP V

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Inventor(s): NEIL J BEAVERSON ; KASYAP V SEETHAMRAJU ; BEAVERSON NEIL ; KELLENBERGER STANLEY ; BOHRER TIMOTHY ; WOOD WILLARD ; SEETHAMRAJU KASYAP

Agent(s): GOUDREAU GAGE DUBUC ; LAVERY DE BILLY LLP ; CLT PATENT AND TRADEMARK HK LTD UNIT 10 34 F OFFICE TOWER CONVENTION; CLT PATENT AND TRADEMARK HK LTD; VIVIEN CHAN AND CO; MERCHANT AND GOULD PC; ATTENTION OF MARK DIPIETRO MERCHANT AND GOULD PC; ATTN LORI P SARAGENO MERCHANT AND GOULD PC; PAULY DEVRIES SMITH AND DEFFNER LLC

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

5) Family number: 28847298 (US2003139109A)

© PatBase

Title: CONVERTIBLE TOP FABRIC

Abstract: A convertible roofing material which includes an outer fabric layer formed at least partially of polymeric coated, core yarns such as a polyester core coated with polyvinyl chloride.

Classifications:

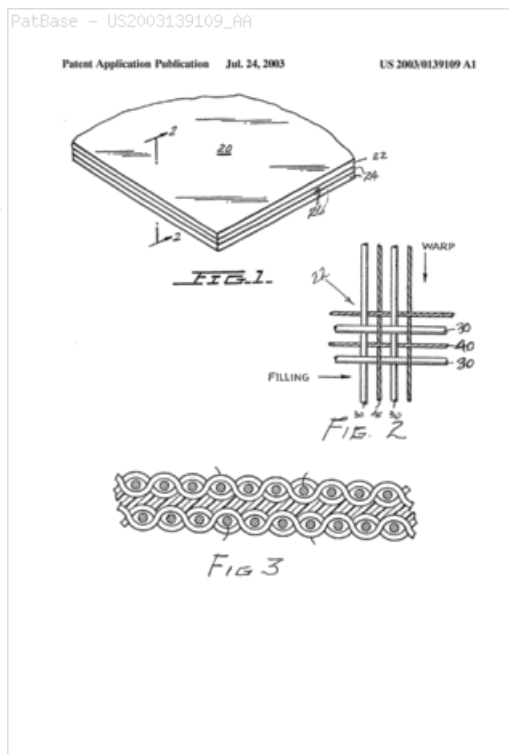
International (ipc 8-9): B32B27/02 B32B27/04 B32B27/12 B32B5/26 B60J7/00 D03D11/00 D03D15/00 D03D25/00 (Advanced/Invention); B32B27/02 B32B27/04 B32B27/12 B32B5/22 B60J7/00 D03D11/00 D03D15/00 D03D25/00 (Core/Invention)

International (ipc 1-7): B32B19/00 B32B27/04 B32B27/12 D03D25/00

CPC: Y10T428/29 Y10T428/2938 B32B5/26 B32B27/12 D03D11/00 D03D15/00 D03D15/0011 D03D15/0027 D03D15/0077 D10B2101/06 D10B2101/12 D10B2201/02 D10B2321/02 D10B2321/041 D10B2321/10 D10B2331/021 D10B2331/04 D10B2331/061 D10B2331/301 D10B2401/041 D10B2401/14 Y10T442/2738 Y10T442/30 Y10T442/3049 Y10T442/3472 Y10T442/3504 Y10T442/3602 Y10T442/365 Y10T442/3854

European: B32B27/12 B32B5/26 D03D11/00 D03D15/00

US: 296/107.01 296/136.01 296/136.1 296/136.11 296/136.13 296/210 428/357 428/357S 428/378 442/149 442/149P 442/181 442/181S 442/187 442/239 442/243 442/255 442/261 442/286 442/286S



Family:

Publication number	Publication date	Application number	Application date
US2003139109 AA	20030724	US20020051881	20020118
US7351672 BB	20080401	US20020051881	20020118

Priority:

US20020051881 20020118

Probable Assignee: GLEN RAVEN INC

Assignee(s): (std): COATES JOHN B ; GLEN RAVEN INC ; JOHNSON ALBERT E

Assignee(s): WACHOVIA BANK NATIONAL ASSOCIATION

Inventor(s): (std): JOHNSON ALBERT E ; COATES JOHN B
Agent(s): WOMBLE CARLYLE SANDRIDGE AND RICE PLLC; RHODES C ROBERT; C ROBERT

6) Family number: 30460316 (US2004067890A)

Title: ASCORBIC ACID SALTS OF ORGANIC BASES WITH ENHANCED BIOAVAILABILITY FOR SYNERGISTIC ANTI-AGING AND SKIN PROTECTIVE COSMETIC COMPOSITIONS

Abstract: This invention relates to in-situ preparation, and stable topical delivery systems of ascorbic acid salts of organic bases that provide skin beneficial properties, including reduction in signs of skin aging, anti-wrinkle, anti-oxidant, and photo-protection from UV and sunlight. The formulation avoids the use of oils, minimizes the importance of the pH of the formulation, allows the incorporation of an aqueous solution of ascorbic acid or alkali metal salts of ascorbic acid in the formulation, does not require packaging the formulation in air tight containers, allows the use of large amounts of ascorbic acid, its salts, and its derivatives, and does not require the use of expensive coatings. Moreover, several ascorbic acid derivatives of different chemical composition can be made in a stable topical formulation by the in-situ combination of readily available starting materials in a water solution, despite the understanding well known in the prior art that such compositions in water are inherently unstable. The in-situ method also permits the preparation of novel ascorbic acid derivatives that are not known in the prior art.

Classifications:

International (IPC 8-9): A01N39/00 A01N43/04 A01N43/08
A01N59/00 A01N59/02 A01N59/16 A01N59/20 A23K1/165
A61K31/065 A61K31/12 A61K31/19 A61K31/197 A61K31/198
A61K31/205 A61K31/22 A61K31/23 A61K31/28 A61K31/295
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A61K48/00 A61Q19/08 A61Q19/10 (Advanced/Non-invention);
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C07D231/00 C07D307/00 C07D493/00 C07F1/00 C07F11/00 C07F13
C07J71/00 C07J9/00 (Core/Invention);
A61K48/00 A61Q19/08 A61Q19/10 (Core/Non-invention)

International (pc 1-7): A61K31/19 A61K31/205 A61K31/375 A61K31/401 A61K31/4172 A61K31/4433 A61K31/455 A61K31/655 A61K31/665 A61K31/7008 A61K31/715 A61K31/728 A61K31/737 A61K33/06 A61K33/24 A61K38/05 A61K38/16 A61K38/40 A61K48/00 A61K7/00 A61K7/135 A61K7/42 C07K5/06

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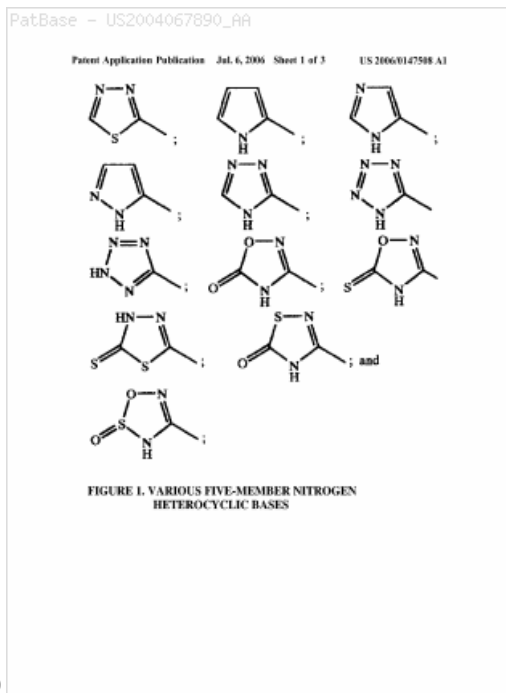


FIGURE 1. VARIOUS FIVE-MEMBER NITROGEN HETEROCYCLIC BASES

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Family:

Publication number	Publication date	Application number	Application date
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 US2004092482 AA	20040513	US20020290933	20021107
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Priority:

US20020265000	20021004	US20020280519	20021025	US20020290933	20021107
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Probable Assignee: ISLAND KINETICS INC

Assignee(s): (std): BIODERM RES ; BIODERM RESEARCH ; COVALENCE INC ; GUPTA SHYAM K ; ISLAND KINETICS INC ; WALKER LINDA

Assignee(s): ISLAND KINETICS INC460 SOUTH BENSON LANESUITE 3CHANDLERAZ85224US

Inventor(s): (std): WALKER LINDA ; GUPTA SHYAM K

Inventor(s): GUPTA SHYAM

Agent(s): SHYAM K GUPTA BIODERM RESEARCH

7) Family number: 29774400 (US2003228459A)

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Title: FLUID REPELLENT MICROPOROUS MATTEIALS

Abstract: Microporous articles formed by thermally induced phase separation from a diluent in combination with a thermoplastic polymer and a fluorochemical additive providing novel fluid repellent articles. Such articles are useful in clothing, barrier membranes, optical films in electronic devices (such as light reflective and dispersive films), and protective garments.

Classifications:

International (IPC 8-9): A01N25/34 B01D39/08 B01D67/00
B01D71/26 B29C47/88 B29C55/00 B32B27/06 B32B27/32 B32B3/00
B32B3/26 B32B5/18 C07C19/08 C08J9/00 C08K5/04 C08K5/09
C08K5/353 C08L23/00 C08L27/12 (Advanced/Invention);
B32B3/00 B32B3/26 C08J9/00 (Advanced/Non-invention)

International (IPC 1-7): A01N25/34 B01D39/08 B01D67/00
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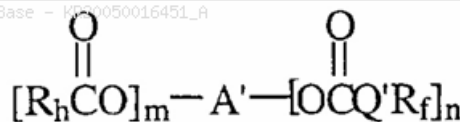
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Y10T428/24998 Y10T428/249921 Y10T428/249953 Y10T428/249978

European: B29C55/00B B32B5/18 L29K105/04 L29K105/16

US: 264/3.3 264/3.300S 424/402 428/221 428/304.4 428/304.400P 428/304.400S 428/315.5 428/315.500P 428/315.9
428/315.900S 428/357 428/364 428/365 428/395 524/319 524/425 524/445 524/449 524/451 524/462 524/95 525/165
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PatBase - K000050016451_A



Family:

Publication number	Publication date	Application number	Application date
AT342757 E	20061115	AT20030748905T	20030515
AU2003267958 AA	20031222	AU20030267958	20030515
AU2003267958 AH	20031222	AU20030267958	20030515
BRPI0311262 A	20050315	BR2003PI11262	20030515
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US6858290 BB	20050222	US20020159752	20020529
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Priority:

US20020159752 20020529 WO2003US15492 20030515 US20050050507 20050203

Probable Assignee: 3M CO**Assignee(s):** (std): 3M CO ; 3M INNOVATIVE PROPERTIES CO**Assignee(s):** 3M INNOVATIVE PROPERTIES COMPANY ; JARIWALA CHETAN P ; MROZINSKI JAMES S**Inventor(s):** (std): JAMES S ; JAMES S MROZINSKI ; JARIWALA CHETAN P ; JARIWALA CHETAN PROBODH ; MROZINSKI JAMES S ; CHETAN P ; CHETAN P JARIWALA**Inventor(s):** CHETAN PROBODH JARIWALA ; MROZINSKI JAMES ; JARIWALA CHETAN**Agent(s):** SMART AND BIGGAR; 3M INNOVATIVE PROPERTIES COMPANY; 3M INNOVATIVE PROPERTIES CO; KENT S**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 NI NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW**8) Family number: 32510426 (US2004127614A)**

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Title: POLYOLEFIN ADHESIVE COMPOSITIONS AND ARTICLES MADE THEREFROM

Abstract: Embodiments of the present invention relate to article comprising a polymer comprising one or more C3 to C40 olefins, optionally one or more diolefins, and less than 5 mole percent of ethylene having a Dot T-Peel of 1 Newton or more, a branching index (g') of 0.95 or less measured at the Mz of the polymer; and an Mw of 100,000 or less. This invention further relates to a process to produce an olefin polymer comprising: 1) selecting a first catalyst component capable of producing a polymer having an Mw of 100,000 or less and a crystallinity of 20 percent or less; 2) selecting a second catalyst component capable of producing polymer having an Mw of 100,000 or less and a crystallinity of 40 percent or more; 3) contacting the catalyst components in the presence of one or more activators with one or more C3 to C40 olefins, in a reaction zone.

Classifications:

International (IPC 8-9): B32B27/32 C08F10/00 C08F10/02 C08F10/04 C08F10/06 C08F10/14 C08F110/06 C08F110/14 C08F2/00 C08F2/38 C08F210/00 C08F210/04 C08F210/06 C08F210/14 C08F210/16 C08F210/18 C08F255/00 C08F255/02 C08F297/08 C08F4/44 C08F4/6392 C08F4/64 C08F4/642 C08F4/643 C08F4/646 C08F4/6592 C08F8/00 C08F8/46 C08G63/91 C08J3/00 C08K5/00 C08K5/01 C08K5/17 C08L101/00 C08L23/00 C08L23/04 C08L23/06 C08L23/10 C08L23/12 C08L23/14 C08L23/16 C08L23/18 C08L23/20 C08L23/26 C08L25/06 C08L27/06 C08L27/08 C08L45/00 C08L51/00 C08L67/06 C08L73/02 C08L77/00 C08L83/00 C08L91/00 C08L91/06 C08L91/08 C08L93/04 C09D123/14 C09J11/00 C09J11/06 C09J11/08 C09J123/00 C09J123/02 C09J123/04 C09J123/10 C09J123/12 C09J123/14 C09J123/16 C09J123/20 C09J123/24 C09J123/26 C09J133/00 C09J145/00 C09J147/00 C09J151/06 C09J157/02 C09J191/06 C09J193/04 C09J201/00 C09J5/00 C09J7/02 C09J7/04 D01F6/30 D01F6/46 (Advanced/Invention);

C08F10/00 C08F10/06 C08F110/06 C08F210/04 C08F210/06 C08F297/08 C08F4/64 C08F4/642 C08F4/646 C08F4/659 C08F4/6592 C08L51/06 C08L57/02 (Advanced/Non-invention); B32B27/32 C08F10/00 C08F210/00 C08F8/00 C08K5/00 C08L23/00 C08L51/00 C08L91/00 C09D123/00 C09J123/00 C09J151/00 D01F6/28 D01F6/46 (Core/Invention); C08F110/00 C08F210/00 (Core/Non-invention)

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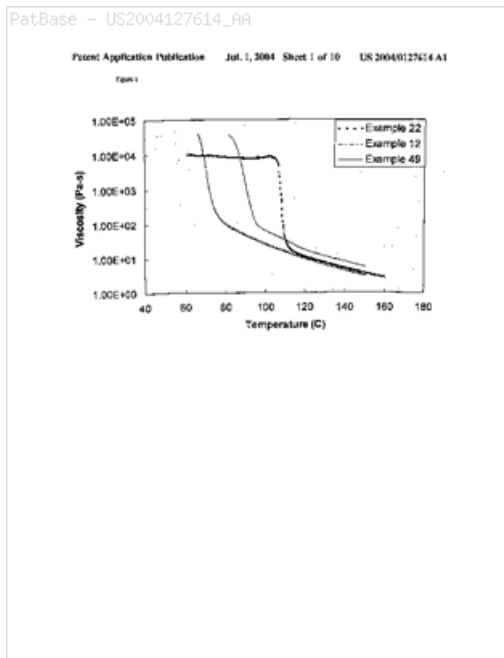
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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU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

9) Family number: 33576445 (US5650222A)

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Title: ABSORBENT FOAM MATERIALS FOR AQUEOUS FLUIDS MADE FROM HIGH INTERNAL PHASE EMULSIONS HAVING VERY HIGH WATER-TO-OIL RATIOS

Abstract: Low density collapsed absorbent foams materials that, upon contact with aqueous fluids, in particular urine, can expand and absorb these fluids. These low density foams typically have an expanded thickness from about 6 to about 10 times the thickness of the foams in their collapsed state. These low density foams are made by polymerizing high internal phase emulsions (HIPEs) where the volume to weight ratio of the water phase to the oil phase is in the range of from about 55:1 to about 100:1.

Classifications:

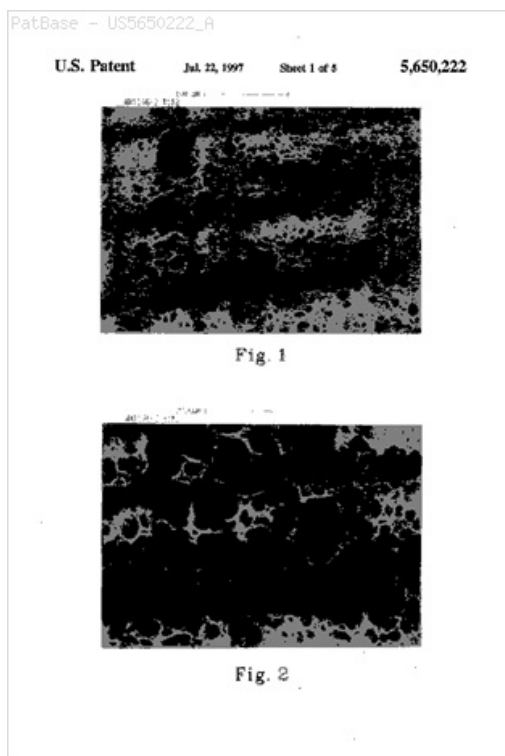
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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE

Assignee(s): STONE KEITH JOSEPH ; PEACE MICHELLE RENEE ; SEIDEN PAUL ; SCHMIDT MATTHIAS ; SCHMIDT MATTIAS ; PALUMBO GIANFRANCO ; HORNEY JAMES CAMERON ; PROCTER AND GAMBLE CO CINCINNATI ; THE PROCTER AND GAMBLE ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANYUS ; YOUNG GERALD ALFRED ; ASHRAF ARMAN ; DESMARAI THOMAS ALLEN ; DYER JOHN COLLINS ; GOLDMAN STEPHEN ALLEN ; HIRD BRYN ; PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO THE

Inventor(s): (std): DANNENBERG ANDREA ; DESMARAI THOMAS ALLEN ; DESMARAI THOMAS ALLAN ; DYER COLLINS ; GOLDAMN STEPHEN ALLEN ; GOLDMAN ALLEN ; GOLDMAN STEPHEN A ; HORNEY CAMERON ; HORNEY JAMES C ; HORNEY JAMES CAMERON ; ASHRAF ARMAN ; MARAIS THOMAS ALLEN DES ; PEACE RENEE ; SCHIMDT MATTIAS ; SCHMIDT MATTIAS ; SEIDEN PAUL ; STONE JOSEPH ; YOUNG ALFRED ; YOUNG GERALD A ; YOUNG GERALD ALFRED ; STONE KEITH JOSEPH ; SEIDEDN PAUL ; PEACE MICHELLE RENEE ; GOLDMAN STEPHEN ALLEN ; DYER JOHN COLLINS ; DESMARAI THOMAS ALLEN ; STONE KEITH J ; PEACE MICHELLE R ; OUNG GERALD ALFRED ; HIRD BRYN ; DYER JOHN C ; DESMARAI THOMAS A ; CAMERON HORNEY JAMES ; PALUMBO GIANFRANCO ; ARMAN ASHRAF

Inventor(s): ALLEN DESMARAI THOMAS ; PAUL SEIDEN ; ASHRAF ; PAUL SEIDEDN ; PALUMBO GLANFRANCO SCHMIDT MATTIAS GOLDMAN STEPHEN ALLEN ; GERALDA YOUNG ; ANDREA DANNENBERG ; THOMASA DESMARAI ; THOMAS A DESMARAI ; THOMAS ALLEN DES MARAIS ; THOMAS ALLEN DESMARAI ; STEPHEN ALLEN GOLDMAN ; MATTIAS SCHMIDT ; MICHELLE RENEE PEACE ; BRYN HIRD ; JAMES CAMERON HORNEY ; JOHN C DYER ; JOHN COLLINS DYER ; KEITH J STONE ; KEITH JOSEPH STONE ; GOLDMAN STEPHEN ALLEN AND ; GERALD A YOUNG ; GERALD ALFRED YOUNG ; GIANFRANCO PALUMBO

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SIM AND MCBURNEY; HARNECKER; JIMENA ESCOBAR URIBE; CARLOS REINALDO OLARTE GARCIA

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 EE ES FI FR GA GB GD GE GH GM GN 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 UZ VN YU ZA ZW

10) Family number: 31478453 (US2006257643A)

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Title: HYDROPHOBIC COMPOSITES AND PARTICULATES AND APPLICATIONS THEREOF

Abstract: Novel hydrophobic composites, particularly hydrophobic particulates and free-flowing hydrophobic aggregates and methods utilizing same are disclosed.

Classifications:

International (IPC 8-9): A01B A01B79/00 A01G A01G1/00 B01J13/00 B01J13/02 B01J2/30 B01J20/28 B05D1/36 B05D7/00 B32B1/00 B32B11/00 B32B13/00 B32B5/16 B32B5/66 B32B7/12 C02F1/00 C04B C04B14/00 C04B20/10 C04B20/12 C04B24/08 C04B24/24 C04B41/65 C04B41/85 C08L75/04 C09C1/00 C09C1/30 C09C3/06 C09C3/08 C09D133/02 C09D175/04 C09D191/00 C09D195/00 C09D7/12 C09K17/40 C09K3/00 C09K3/10 C09K3/14 C09K3/18 D06N3/00 E02D E02D31/02 E04B E04B1/66 E04D E04D11/02 H01B H01B7/282 (Advanced/Invention); B01J13/00 B01J2/30 C08K5/09 C09K17/40 C09K3/14 (Advanced/Non-invention); A01B79/00 A01G1/00 B01J13/00 B01J13/02 B01J2/30 B01J20/28 B05D1/36 B05D7/00 B32B11/00 B32B13/00 B32B5/16 B32B7/12 C02F1/00 C04B14/00 C04B20/00 C04B24/00 C04B41/60 C04B41/85 C09C1/00 C09C1/28 C09C3/06 C09C3/08 C09D133/02 C09D175/04 C09D191/00 C09D195/00 C09D7/12 C09K17/40 C09K3/00 C09K3/10 C09K3/14 C09K3/18 D06N3/00 E02D31/00 E04B1/66 E04D11/00 H01B7/17 (Core/Invention); A61K C09K (Subclass/Invention)

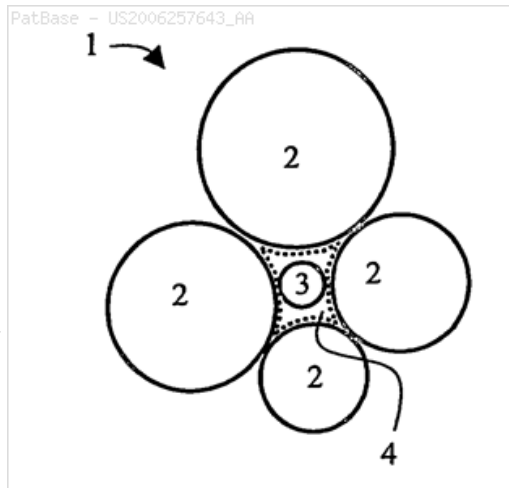
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US: 427/180 427/180S 427/204 427/205 427/214 427/215 427/218 427/221 427/299 427/299S 427/372.2 427/372.200S 428/323 428/323P 428/327 428/327S 428/403 428/403S 428/407

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Priority:

US20030486420P 20030714 US20030486419P 20030714 IL20030157437 20030817
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Probable Assignee: SEALSAND INC

Assignee(s): (std): SUPERSEAL LTD ; SUPERSEAL LTD SUPERSEAL LTD ; BIRGER ZEEV

Assignee(s): SEALSAND INC ; SUPERSAND INC ; ZEEV BIRGER

Inventor(s): (std): BIRGER ZEEV ; ZEEV BIRGER

Agent(s): SMART AND BIGGAR; NTD PATENT AND TRADE MARK AGENCY LTD; SANFORD TCOLB AND CO; DARBY AND DARBY PC; FISH AND RICHARDSON 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 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

11) Family number: 66935489 (CA2921689A)

© PatBase

Title: COCONUT FIBER/STRAW/SUGARCANE HUSK (BAGASSE) BONDED RUBBER

Abstract: Straw/Bamboo/sugarcane husk (bagasse) bonded with rubber strong enough and light for bulletproof over 850+ new applications. These materials are so stronger they are bulletproof. Yet they are very light and can be thinned for many uses ie. thinned for heavy duty gloves and/or boxes, and/or heavy duty reusable bags... Can be used to replace, as mix (powders and adhesives), layers, lining and composites and coatings possibly mixed with flame retardants, temperature resistant and electrical conductivity or electrical insulator...

Classifications:

International (IPC 8-9): C08J5/04 C08L21/00 C08L97/02 (Advanced/Invention)

CPC: C08L97/02

Family:

Publication number	Publication date	Application number	Application date
CA2921689 AA	20170909	CA20162921689	20160309

Priority:

CA20162921689 20160309

Probable Assignee: VOON GERARD G V

Assignee(s): (std): VOON GERARD G V

Inventor(s): (std): VOON GERARD G V

12) Family number: 31485649 (US2005058689A)

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Title: ANTIFUNGAL PAINTS AND COATINGS

Abstract: Antifungal and antibacterial peptides, polypeptides and proteins as antifungal additives for paint and other coatings are disclosed, along with antifungal compositions, and coated surfaces with antifungal properties. Methods of using the coatings for treating and/or inhibiting growth of mold, mildew and other fungi and bacteria on objects such as building materials that are susceptible to such infestation are also disclosed.

Classifications:

International (IPC 8-9): A01N A01N25/00 A01N33/08 A01N37/18 A01N37/44 A01N37/46 A01N63/00 A01N63/02 A01P1/00 A01P3/00 A61F13/00 A61K31/74 A61K38/00 A61K38/08 A61K38/10 A61K47/48 B05D3/00 B05D5/00 B08B3/00 B32B3/12 B32B5/02 B65D81/00 B65D85/84 C07K14/00 C07K14/435 C07K17/00 C07K2/00 C07K5/08 C07K5/10 C07K7/00 C07K7/06 C07K7/08 C08G63/91 C08L89/00 C09D C09D133/00 C09D189/00 C09D201/00 C09D5/14 C09D5/16 C09D7/00 C09D7/12 C09J11/08 C12N C12N11/16 C12N9/00 C12N9/16 C12N9/18 C12N9/20 C12N9/48 C12N9/76 C12N9/78 C12Q1/00 C12Q1/34 C12Q1/527 C12S9/00 (Advanced/Invention); A01N33/00 A01N37/18 A01N37/44 A01N63/00 A01P1/00 A01P3/00 A61F13/00 A61K47/48 B05D3/00 C07K14/00 C07K5/00 C07K7/00 C08G63/00 C08L89/00 C09D201/00 C09D5/14 C09D5/16 C09D7/12 C09J11/00 C12N11/00 C12N9/00 C12N9/16 C12N9/48 C12N9/76 C12N9/78 (Core/Invention); A01N C09D (Subclass/Invention)

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Priority:

US20020409102P	20020909	US20030485234P	20030703	US20030655345	20030904
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US20110085061	20110412	US20110089459	20110419	US20110089479	20110419
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US20110233088	20110915	US20110233195	20110915	US20110233223	20110915
US20130093347	20131129	US20130097128	20131204	US20140156007	20140115

Probable Assignee: REACTIVE SURFACES LTD LLP

Assignee(s): (std): MCDANIEL C ; MCDANIEL C STEVEN ; MCDANIEL STEVEN C ; REACTIVE SURFACES LTD ; REACTIVE SURFACES LTD LLP ; STEVEN MCDANIEL C ; REACTIVE SURFACE LTD ; RAWLINS JAMES W ; WALES MELINDA ; WILLIAMS ERIC B

Assignee(s): STEVEN C MCDANIEL ; C MCDANIEL ; C STEVEN MCDANIEL

Inventor(s): (std): MCDANIEL C STEVEN ; RAWLINS JAMES W ; WILLIAMS ERIC B ; WILLIAMS ERIC ; WALES MELINDA E ; WALES MELINDA ; RAWLINS JAMES ; MCDANIEL STEVEN C ; MCDANIEL C S ; BRAASCH DWAIN E ; CIPI PIRRO ; CARVAJAL JUAN CARLO

Inventor(s): STEVEN MCDANIEL ; C STEVEN MCDANIEL ; MCDANIEL C

Agent(s): WRAYS ; MARCHANT MICHAEL JOHN ; ELLA CHEONG HONG KONG LTD ; SPRUSON AND FERGUSON HONG KONG LTD ; DEACONS ; SANFORD TCOLB AND CO ; C STEVEN MCDANIEL MCDANIEL AND ASSOCIATES PC ; DAFFER MCDANIEL LLP ; C STEVEN MCDANIEL C O DAFFER MCDANIEL LLP ; RISSMAN HENDRICKS AND OLIVERIO LLP ; NOVAK DRUCE CONNOLLY BOVE AND QUIGG LLP ; MCDANIEL AND ASSOCIATES PC ; MCDANIEL C STEVEN

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 HW 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 YU ZA ZM ZW

13) Family number: 56436650 (US2014135769A)

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Title: DYNAMIC AXIAL NAIL FOR INTRAMEDULLARY TREATMENT OF LONG BONE FRACTURES

Abstract: An intramedullary nail for fixation and stabilization of a fractured bone that also allows for a controlled amount of longitudinal motion at the fracture site to encourage bone remodeling and healing is described. The intramedullary nail has a proximal portion and a distal portion that are coupled together in a manner by a biasing assembly that provides for a controlled movement of the proximal and distal portions relative to each other so that when a patient puts pressure on the bone, such as when walking, the fracture site compresses and the bone ends move together, and when the pressure is released from the bone, the bone ends are biased apart by a controlled amount.

Classifications:

International (IPC 8-9): A61B17/00 A61B17/56 A61B17/58 A61B17/62 A61B17/66 A61B17/68 A61B17/72 A61B17/78 A61B17/80 B32B25/08 B32B25/10 B32B25/20 B32B27/00 B32B5/02 B60R21/16 B60R21/217 B60R21/231 B60R21/235 D06M15/693 D06N3/12 H01L23/29 H01L23/31 H01L31/042 H01L31/048 H01L31/049 H01L31/18 (Advanced/Invention); B32B5/02 (Core/Invention)

CPC: D06N3/128 B60R21/217 B32B2605/00 D06N2209/067 B32B5/02 B32B25/20 B32B2307/306 B60R21/235 B60R2021/23123 B60R2021/23514 Y10T428/24355 Y10T442/2041 Y10T442/3854 Y10T442/608 Y10T442/674 Y10T428/249921 H01L31/0481 H01L31/049 Y02E10/50 A61B17/7216 A61B17/7225 A61B17/72 A61B2017/00991 A61B2017/681 H01L31/042 H01L31/182

US: 1/1 136/251 280/741 428/141 428/221 438/66 442/286 442/334 442/394 442/64 606/62 606/63



Family:

Publication number	Publication date	Application number	Application date
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CN104768743 B	20170825	CN201380057700	20131112
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EP2917030 A1	20150916	EP20130798468	20131112
EP2917943 A1	20150916	EP20130795398	20131112
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KR20150084826 A	20150722	KR20157012077	20131112
TH169619 A	20171027	TH20151002485	20131112
US2014135769 AA	20140515	US20130077055	20131111
US2015267344 AA	20150924	US20130441951	20131112
US2015295111 AA	20151015	US20130440750	20131112
US2017151000 AA	20170601	US20160201105	20160701
US9381052 BB	20160705	US20130077055	20131111
WO14075025 A1	20140515	WO2013US69513	20131111
WO14075036 A1	20140515	WO2013US69552	20131112
WO14075058 A1	20140515	WO2013US69642	20131112

Priority:

US20120725429P	20121112	US20120725249P	20121112	US20130772080P	20130304
EP20130854013	20131111	US20130077055	20131111	WO2013US69513	20131111
EP20130795398	20131112	US20130440750	20131112	WO2013US69552	20131112
US20130441951	20131112	WO2013US69642	20131112	US20160201105	20160701

Probable Assignee: DOW SILICONES CORP

Assignee(s): (std): DOW CORNING ; ZIRAN NAVID

Assignee(s): RAPSON LAWRENCE ; DOW CORNING MIDLAND CORP ; DOW SILICONES CORP ; ZIRAN NAVID SANTA MONICA ; DOW CORNING CORP ; BLACKWOOD WILLIAM ; DIPINO MICHAEL

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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

14) Family number: 32310709 (US2006233985A)

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Title: MYOGLOBIN BLOOMING AGENT CONTAINING SHRINK FILMS, PACKAGES AND METHODS FOR PACKAGING

Abstract: Heat shrinkable, oxygen barrier, packaging films, methods of packaging and packages are provided having a myoglobin blooming agent to provide, promote, enhance or maintain a desirable coloration on the surface of a myoglobin-containing meat product.

Classifications:

International (IPC 8-9): A23B4/00 A23B4/02 A23B4/033 A23B4/10 A23B4/14 A23B4/16 A23B4/18 A23B4/20 A23B4/24 A23L1/27 A23L1/272 A23L1/31 A23L1/311 A23L13/00 A23L13/10 A23L3/34 A23L3/3427 A23L3/3445 A23L3/358 A23L5/40 A23L5/41 B31B45/00 B32B1/02 B32B23/00 B32B23/08 B32B23/16 B32B27/00 B32B27/08 B32B27/12 B32B27/14 B32B27/16 B32B27/18 B32B27/28 B32B27/30 B32B27/32 B32B5/16 B32B7/02 B32B9/04 B65B25/02 B65B25/06 B65B31/00 B65D25/06 B65D25/14 B65D65/02 B65D65/40 B65D65/42 B65D75/36 B65D81/20 B65D81/24 B65D81/26 B65D81/28 B65D85/00 B65D85/50 B82Y30/00 C01B21/20 C08J5/00 C08J5/18 C08J7/12 F16B4/00 (Advanced/Invention); A23L3/34 A23L3/3526 A23L3/3535 B23B23/00 B32B1/02 B32B1/08 B32B23/00 B32B27/00 B32B27/28 B32B27/32 B32B7/02 B32B9/04 B65D65/40 (Advanced/Non-invention); A23B4/00 A23B4/02 A23B4/14 A23L1/27 A23L1/31 A23L3/34 A23L3/3454 B31B45/00 B32B23/00 B32B27/00 B32B27/08 B32B27/16 B32B27/18 B32B27/28 B32B27/30 B32B27/32 B32B9/04 B65B25/02 B65B31/00 B65D25/04 B65D25/14 B65D65/02 B65D65/40 B65D75/28 B65D81/20 B65D81/24 B65D81/26 B65D81/28 B65D85/00 B65D85/50 C01B21/00 C08J5/00 C08J5/18 C08J7/00 F16B4/00 (Core/Invention); A23L3/34 A23L3/3463 B32B7/02 (Core/Non-invention); B32B (Subclass/Invention)

International (IPC 1-7): A23B4/00 A23B4/10 A23B4/14 A23L1/31 B32B1/06 B32B27/00 B32B27/08 B32B3/08 B32B5/00 B32B7/00 B32B9/04 B65D65/38
CPC: B32B2307/31 B32B2307/7242 B32B5/18 B32B15/08 B32B27/10 B32B2307/308 B32B2307/738 B32B2307/30 B32B2307/75 B65D81/2076 A23L3/3427 B32B2250/02 B32B2307/726 C08J5/18 Y10T428/13 Y10T428/1303 Y10T428/1352 Y10T428/1359 Y10T428/139 Y10T428/1328 Y10T428/25 B32B27/18 A23B4/20 A23B4/24 B32B7/02 B32B27/00 B32B27/306 B32B27/32 B32B27/34 B32B2250/24 B32B2270/00 B32B2307/412 B32B2307/518 B32B2307/7244 B32B2439/46 B32B2439/62 B32B2439/70 A23B4/18 B32B27/304 B32B27/36 B32B2250/05 B32B2264/104 B32B2274/00 B32B2307/406 B32B2307/736 B32B2250/40 B32B2264/105 B32B27/30 B32B27/308 A23B4/14 B32B5/022 B32B27/12 B32B2262/062 B32B2307/74 B65D81/24 Y10T428/273 Y10T428/23 Y10T428/24331 Y10T428/31993 Y10T442/60 A23L13/03 A23L5/41 B32B7/06 B32B2307/202 B32B2307/208 B32B2405/00 A23B4/10 A23B4/16 A23L3/3445 B32B27/08 B32B27/16 B65D65/40
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US: 206/524.3 423/385 426/129 426/129P 426/132 426/132P 426/264 426/264S 426/265 426/266 426/266P 426/410 426/415 428/138 428/323 428/323S 428/34.1 428/34.100P 428/34.100S 428/34.2 428/34.9 428/34.900P 428/34.900S 428/341 428/35.7 428/35.700P 428/35.9 428/36.9 428/537.5 428/68 428/704 442/327 523/100



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Publication number	Publication date	Application number	Application date
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AT525206 E	20111015	AT20070107804T	20070509
AT547241 E	20120315	AT20050732916T	20050404
AU2005231831 AA	20051020	AU20050231831	20050404

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AU2007202179 AA	20071206	AU20070202179	20070515
AU2007202179 BB	20120202	AU20070202179	20070515
AU2007229393 AA	20080508	AU20070229393	20071019
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DK1737651 T3	20120326	DK20050732916T	20050404
DK1857269 T3	201111017	DK20070107804T	20070509
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EP1737651 A4	20090318	EP20050732916	20050404
EP1737651 B1	20120229	EP20050732916	20050404
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Priority:

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Probable Assignee: BEMIS CO INC

Assignee(s): (std): CURWOOD INC SOC ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE ; SIEGEL DAN G ; NELSON KEVIN P ; POCKAT GREGORY R ; SCHELL THOMAS A ; LATREILLE DOUGLAS M ; MENGEL MATTHEW L ; MICHAUD RYAN A ; KERVUD INK ; NELSON KEVIN PHILIP ; MENGEL MATTHEW LEROY ; LATREILLE DOUGLAS MARK ; SCHELL THOMAS ANDREW ; MICHAUD RYAN ARTHUR ; POCKAT GREGORY ROBERT ; BERBERT OTACILIO T ; BERBERT OTACILIO TEIXEIRA ; CURWOOD INC

Assignee(s): CURWOOD INC OSHKOSH ; BEMIS CO INC

Inventor(s): (std): DAN G SIEGEL ; LATREILLE DOUGLAS M ; LATREILLE DOUGLAS MARK ; MENGEL MATTHEW L ; MENGEL MATTHEW LEROY ; BERBERT OTACILIO T ; BERBERT OTACILIO TEIXEIRA ; MICHAUD RYAN A ; NELSON KEVIN FILIP ; NELSON KEVIN P ; NELSON KEVIN PHILIP ; NELSON KEVIN PHILLIP ; POCKAT GREGORY R ; POCKAT GREGORY ROBERT ; PHILIP SIEGEL DAN G NELSON KEV ; SCHELL THOMAS A ; SCHELL THOMAS ANDREW ; SIEGEL DAN ; SIEGEL DAN G ; SIEGEL DAN G NELSON KEVIN P ; SIGEL DEHN DZH ; SIDZHEL DEHN G ; MICHAUD RYAN ARTHUR ; MENGEL MATTHEW ; LATREILLE DOUGLAS ; KEVIN P NELSON ; SIEGAL DAN G

Inventor(s): NELSON KEVIN FILIP ; BERBERT OTACILIO ; THOMAS ANDREW SCHELL ; SIEGEL DAN G BELLEVILLE ; SIEGEL DAN BELLEVILLE ; POCKAT GREGORY ; POCKAT GREGORY ROBERT RIPON ; RYAN ARTHUR MICHAUD ; SCHELL THOMAS ; OTACILIO TEIXEIRA BERBERT ; NELSON KEVIN PHILIP APPLETON ; NELSON KEVIN ; BERBERT OTACILIO TEIXEIRA OSHKOSH ; MICHAUD RYAN ; MATTHEW LEROY MENGEL ; DOUGLAS MARK LATREILLE ; GREGORY ROBERT POCKAT ; KEVIN PHILIP NELSON

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SIM AND MCBURNEY; VILLASECA; HOEGER STELLRECHT AND PARTNER PATENTANWALTE MBB; ACKROYD ROBERT; EDDOWES SIMON; SMAGGASCALE GILLIAN HELEN; DR SHLOMO COHEN AND CO; BEMIS CO INC; BEMIS CO INC PATENT AND TRADEMARK DEPARTMENT; TOM J; CHRISTINE E; CEDRIC M

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 MA MC MD MG MK ML MN MR MT MW MX MZ NA NE 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

15) Family number: 31728747 (US2005100754A)

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Title: AQUEOUS DISPERSION, ITS PRODUCTION METHOD, AND ITS USE

Abstract: Aqueous dispersions including at least one thermoplastic resin; at least one dispersing agent; and water; wherein the dispersion has a pH of less than 12 are disclosed along with dispersions including at least one thermoplastic resin; at least one dispersing agent; and water wherein the dispersion has a volume average particle size of less than about 5 micro m. Some dispersions include less than about 4 percent by weight of the dispersing agent based on the weight of the thermoplastic resin. Other dispersions include at least one propylene-rich alpha-olefin interpolymers; at least one dispersing agent; and water. Methods of making such dispersions are also described.

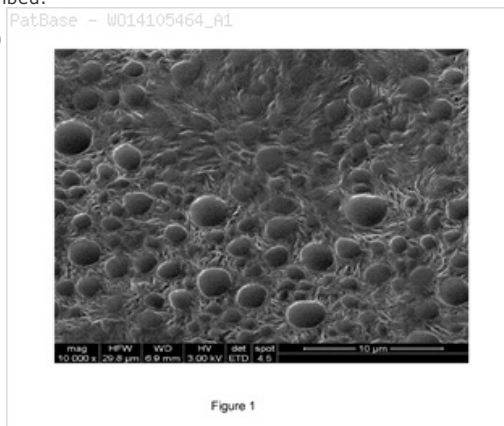
Classifications:

International (ipc 8-9): A61F13/49 A61F13/53 A61L15/42 A61L15/60

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Family:

Publication number	Publication date	Application number	Application date
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CZEREPIŃSKI RALPH G ; DALE C SCHMIDT ; DIEHL CHARLES F ; CHARLES F DIEHL ; ECKERSLEY SARAH T ; KAINZ BERNHARD ; KEVIN MONCLA BRAD M KALINOWSKI ; LIANG WENBIN ; LINDENMUTH DENISE ; LUNDGUARD RICHARD A ; MAAK KEVIN D ; MALOTKY DAVID L ; MONCIA BRAD M ; RALPH G CZEREPIŃSKI ; SARAH T ECKERSLEY ; SCHMIDT DALE C ; STOCKTON LUTHER ; VANSUMEREN MARK ; WEVERS RONALD ; WEYERS RONALD ; ZHANG QING ; WU JINGHANG ; WILBUR JEFFREY ; TANG HOUXIANG ; ROMICK JAY D ; LUNDGARD RICHARD A ; LUNDGARD RICHARD ; YOUNG TIMOTHY J ; WU SHAOFU ; VANSUMEREN MARK W ; STRANDBURG GARY M ; STRANDBURG GARY ; STOCKTON LUTHER E ; SPETH DAVID R ; SPETH DAVE ; SHAOFU WU ; SCHMIDT DALE ; RICHARD A LUNDGARD ; RICHARD A LUNDGARD ; QING ZHANG ; MONCLA BRAD MAURICE ; MONCLA BRAD M ; MONCLA BRAD ; MATTHEW J KALINOWSKI ; MARK W VANSUMEREN ; MAGLEY DAVID J ; MAAK KEVIN ; LUTHER E STOCKTON ; KEVIN MAAK ; KALINOWSKI MATTHEW J ; KALINOWSKI MATTHEW ; JODI M MECCA ; JINGHANG WU ; JEFFREY WILBUR ; JAY D ROMICK ; HOUXIANG TANG ; GARY STRANDBURG ; GARY M STRANDBURG ; DIEHL CHARLES ; DHARAKUMAR METLA ; DENISE LINDENMUTH ; DAVID R SPETH ; DAVID L MALOTKY ; DAVE SPETH ; DALE SCHMIDT ; CZEREPIŃSKI RALPH G ; CHARLES DIEHL ; BRAD M MONCLA ; BERNHARD KAINZ ; ARGYROPOULOS JOHN N ; SPETH DAVID ; METLA DHARAKUMAR ; MECCA JODI M ; KALINOWSKI MATTHEW J ; KALINOW STRANDBURG GARY M VANS ; KALINOWSKI MATTHEW JAMES ; Q ZHANG

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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 YU ZA ZM ZW

16) Family number: 64747758 (PE02202017A)

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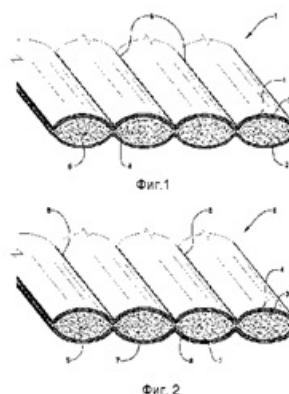
Title: UN PRODUCTO SECUESTRANTE DE HIDROCARBUROS

Abstract: Source: PE02202017A [ES] La invención se refiere a un producto secuestrante de hidrocarburos que comprende una manta compuesta por un material absorbente que comprende plumas de ave trituradas o cortadas, que están contenidas entre dos capas laminares, una inferior y otra superior cada una de las cuales comprende una tela no tejida de polipropileno y surfactada, estando dispuesta por encima de dicha lámina superior una lámina exterior que comprende una tela no tejida de polipropileno con aditivo inhibidor de rayos UV y surfactada

Classifications:

International (IPC 8-9): B01D15/00 B01D17/022 B01J20/22
B32B27/06 B32B9/02 C02F1/40 C09K3/18
E02B15/04 (Advanced/Invention)

PatBase - EA201592171_A1



Family:

Publication number	Publication date	Application number	Application date
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PE02202017 A1	20170316	PE20160002266	20160719

Priority:

AR2015P102287 20150720

Probable Assignee: R CIANCAGLINI Y ASOC S A**Assignee(s):** (std): R CIANCAGLINI Y ASOC S A**Assignee(s):** R CIANCAGLINI Y ASOCIADOS SA ; CIANCAGLINI RICARDO HORACIO**Inventor(s):** (std): CIANCAGLINI RICARDO HORACIO**Agent(s):** ENGELHARDT ERIN**17) Family number: 34915955** (US2006096073A)

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Title: METHOD TO MAKE ELASTIC SHIRTING FABRIC COMPRISING SPANDEX AND HARD YARN

Abstract: Methods for making stretch shirting fabric having fabric weight less than 175 g/m² and fabric stretch between 15 percent to 45 percent in the weft direction are disclosed. A corespun composite elastomeric yarn is produced either (a) by low draft (2.7x or below) core-spinning of the elastomeric yarn, or (b) by pretreating the corespun composite yarn in steam or heated water at temperatures of at least 110 degrees centigrade to reduce yarn power before dyeing or weaving. The shirting fabric with such corespun composite elastomeric yarn in the weft meets end-use specifications without heat-setting.

Classifications:

International (IPC 8-9): A41B9/00 A41B9/06 A41C1/00 A41C3/00 A41D13/00 A41D27/24 A41D31/00 A41F9/00 A61K A61K8/02 A61K8/85 A61K8/87 A61K8/88 A61Q A61Q1/00 A61Q1/02 A61Q1/10 A61Q13/00 A61Q15/00 A61Q17/04 A61Q19/10 A61Q3/02 A61Q5/00 B01J20/26 B32B B32B25/02 B32B25/10 B32B27/00 B32B27/04 B32B27/06 B32B27/08 B32B27/12 B32B27/40 B32B27/42 B32B3/00 B32B3/26 B32B5/00 B32B5/02 B32B5/12 B32B5/18 B32B5/22 B32B5/24 B32B5/26 B32B5/32 B32B7/12 B32B9/04 B65D65/28 B65H71/00 C08G C08G18/00 C08G18/02 C08G18/06 C08G18/08 C08G18/10 C08G18/12 C08G18/28 C08G18/30 C08G18/32 C08G18/34 C08G18/40 C08G18/42 C08G18/44 C08G18/48 C08G18/60 C08G18/65 C08G18/66 C08G18/70 C08G18/76 C08G18/81 C08J C08J3/00 C08J3/02 C08J3/12 C08J3/20 C08J3/205 C08J3/22 C08J5/02 C08J5/24 C08K3/20 C08L C08L75/00 C08L75/02 C08L75/04 C08L75/08 C09D C09D167/00 C09D175/00 C09D175/04 C09D175/06 C09D175/08 C09D177/00 C09D5/02 C09J C09J175/00 C09J175/04 C09J175/06 C09J175/08 C09J7/02 C11D3/00 C11D3/26 C11D3/37 C11D3/40 C11D3/43 C11D3/50 C11D3/60 C11D7/32 D01D5/34 D02G D02G3/32 D03D D03D15/00 D03D15/08 D03D17/00 D06C15/00 D06L1/14 D06L3/02 D06M D06M13/46 D06M13/463 D06M15/00 D06M15/347 D06M15/507 D06M15/56 D06M15/564 D06M15/568 D06M15/59 D06M23/08 D06M23/12 D06P3/24 D06P5/00 (Advanced/Invention); C08G18/08 C08G18/12 C08G18/44 C08J3/02 C08J5/02 C08J5/24 C08L75/04 D02G3/32 D03D15/08 (Advanced/Non-invention);

A41B9/00 A41D13/00 A41D27/00 A41F9/00 A61K8/72 A61Q13/00 B32B27/08 B32B27/12 B32B27/40 B32B5/22 B32B9/04 B65D65/22 B65H71/00 C08G18/00 C08G18/30 C08J3/02 C08J3/12 C08J3/20 C08J5/02 C08J5/24 C08L75/00 C09D167/00 C09D175/00 C09D175/04 C09D175/06 C09D175/08 C09D177/00 C09D5/02 C09J175/00 C09J175/04 C09J175/06 C09J175/08 C09J7/02 C11D3/37 C11D3/40 C11D3/43 C11D3/50 D01D5/34 D02G3/22 D03D15/00 D03D15/08 D06C15/00 D06M13/00 D06M15/00 D06M15/21 D06M15/37 D06M23/08 D06M23/12 (Core/Invention); A61K A61Q B32B C08G C08J C08L C09D C09J D02G D03D D06M (Subclass/Invention)

International (IPC 1-7): B32B5/22 C08G 18/30 C08G18/08 C08G18/12 C08G18/48 C08G18/76 D02G3/32 D03D15/08 D06M15/564

CPC: A41B2500/54 A41C3/0014 A41D27/245 B32B2255/10 B32B2307/554 C08J3/05 C08J2375/04 D06M15/572 D06M17/10 D06N3/14 C08G18/0866 C08G18/348 C08G18/69 C08G18/698 C08J3/12 C08J3/20 C08J3/226 C08J3/226 C08J2367/00 C08J2375/00 C08J2377/00 C08J2467/00 C08J2477/00 C08L77/00 C09D167/00 C09D175/02 C11D3/001 C11D3/0015 C11D3/50 C11D3/502 B32B2307/724 B32B27/04 C08K3/20 C08G18/3206 C08G18/7692 A61Q19/10 C09D175/12 B01J20/262 A61K8/022 A61Q3/02 A61Q1/10 A61Q1/02 A61Q17/04 A61Q5/00 A61K8/87 A61K8/88 Y10T428/15 B32B2250/03 B32B2305/022 B32B3/266 B32B5/245 B32B5/26 B32B5/32 B32B27/065 Y10T442/3073 Y10T428/31551 Y10T442/162 Y10T442/164 Y10T442/198 Y10T442/20 Y10T442/2148 Y10T442/2197 Y10T442/2246 Y10T442/2434 Y10T442/2459 Y10T442/2492 Y10T442/2738 Y10T442/3008 Y10T442/3016 Y10T442/3024 Y10T442/3911 Y10T428/31507 D02G3/324 D10B2201/02 B32B7/12 B32B27/12 B32B2255/02 B32B2255/26 B32B2307/306 B32B2307/51 B32B2437/00 C09J175/04 C09J2475/00 D02G3/328 A41C3/00 C08G18/28 Y10T428/24322 Y10T428/249921 Y10T428/249953 Y10T428/249981 Y10T428/249992 C08G18/4808 C08G2170/80 C08G18/302 Y10T428/24802 A61K8/85 A61K2800/28 A61Q19/00 C08G18/0895 C08G18/10 C08G18/7671 C11D3/3726 C11D3/505 D06M23/08 D06M2200/20 D06M15/564 C08G18/0823 C08G18/12 C08G18/282 C08G18/4845 C08G18/4854 C08G18/6692 C09D175/08 B32B5/22 B32B27/40 D03D15/08 C09J7/38

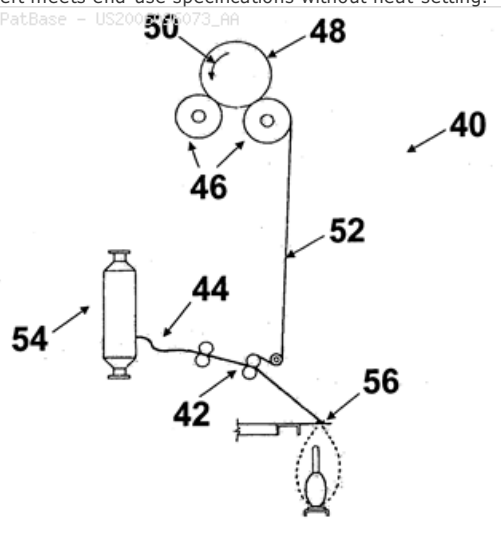
European: A41C3/00C A41D27/24B A61K8/85 A61K8/87 A61K8/88 A61Q19/00 B32B27/04 B32B27/12 B32B27/40 B32B5/22 B32B5/26 B32B7/12 C08G18/08B6C C08G18/08D2E2 C08G18/08R C08G18/10 C08G18/12 C08G18/28D5C C08G18/34H C08G18/48A2 C08G18/48F5D C08G18/48H C08G18/66P4 C08G18/69 C08G18/69V C08G18/76D2B C08J3/05 C08J3/12 C08J3/12A C08J3/20 C08J3/22L C09D167/00 C09D175/02 C09D175/08 C09J175/04 C09J7/02F C11D3/00B3 C11D3/00B3L C11D3/37B10 C11D3/37B2 C11D3/50 C11D3/50B C11D3/50B2 D02G3/32C D02G3/32E D03D15/08 D06M15/564 D06M15/568 D06M15/572 D06M17/10 D06M23/08 D06N3/14 K41B500/54 K61K201/08 K61K800/28 L32B255/02 L32B255/10 L32B255/26 L32B307/306 L32B307/510 L32B307/554 L32B437/00 M08G170/80 M08J367/00 M08J375/00 M08J375/04 M08J377/00 M08J467/00 M08J477/00 M08L77/00 M09J475/00 N06M200/20 N10B201/02

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Locarno class: 2 /69**Family:**

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