

Search history

Search 1: SFT=((gypsum and (fiber w1 glass or fiber_glass) and (((sodium w1 bisulfate) or (sodium w1 sulfate)) and (calcium w1 chloride)))) (Results 48)

Search 2: 1 and PD<20140617 (Results 33)

Search 3: SFT=((method* or process*) and gypsum and (fiber w1 glass or fiber_glass) and (((sodium w1 bisulfate) or (sodium w1 sulfate)) and (calcium w1 chloride)))) (Results 48)

Search 4: 3 and PD<20140617 (Results 33)

Search 5: SFT=((method* or process*) and (fiber w1 glass or fiber_glass) and (((sodium w1 bisulfate) or (sodium w1 sulfate)) and (calcium w1 chloride)))) (Results 579)

Search 6: 5 and crystal* (Results 390)

Search 7: 6 and PD<20140617 (Results 338)

Search 8: 7 and solution* (Results 337)

Search 9: 8 and (minute* or hour* or second) (Results 335)

Search 10: 9 and (molar w1 concentration) (Results 5)

Search 11: (gypsum and (fiber w1 glass or fiber_glass) and crystal* and ((calcium w1 sulfate) or (sodium w1 chloride)))) (Results 682)

Search 12: 11 and PD<20140617 (Results 588)

Search 13: 12 and layer* (Results 417)

Search 14: 13 and salt* (Results 324)

Title: GYPSUM-CONTAINING PRODUCT, AND COMPOSITION, AND METHOD FOR PRODUCING A GYPSUM-CONTAINING PRODUCT

Abstract: Source: US2002045074A [EN] The invention provides a set gypsum-containing product having increased resistance to permanent deformation and a method for preparing it comprising forming a mixture of a calcium sulfate material, water, and an appropriate amount of one or more enhancing materials chosen from condensed phosphoric acids, each of which comprises 2 or more phosphoric acid units; and salts or ions of condensed phosphates, each of which comprises 2 or more phosphate units. The mixture is then maintained under conditions sufficient for the calcium sulfate material to form a set gypsum material.

Classifications:

International (ipc 8-9): B28B11/00 B28B11/08 B32B13/00 B32B37/12 B32B37/14 C01B25/14 C04B103/00 C04B11/00 C04B11/06 C04B11/26 C04B12/02 C04B14/00 C04B14/18 C04B14/38 C04B16/02 C04B16/04 C04B21/0 C04B22/16 C04B24/38 C04B28/14 C04B28/34 C04B38/10 C04B41/00 C04B41/52 C04B41/70 E04B1/04 E04C2/04 (Advanced/Invention); B32B13/00 C04B11/00 C04B11/50 C04B11/52 C04B11/54 C04B14/10 C04B14/18 C04B16/02 C04B22/12 C04B22/16 C04B24/16 C04B24/26 C04B24/38 C04B28/14 E04C2/04 (Advanced/Non-invention); B28B11/00 B28B11/08 B32B13/00 C04B11/00 C04B22/00 C04B22/16 C04B28/00 C04B28/14 C04B41/45 C04B41/60 E04B1/02 E04C2/04 (Core/Invention); C04B22/00 (Core/Non-invention); C04B (Subclass/Invention); B28B (Subclass/Non-invention)

International (ipc 1-7): B05D1/00 B28B11/00 B32B 13/00 B32B1/04 B32B13/00 B32B13/02 B32B3/18 C04B11/00 C04B11/024 C04B11/06 C04B11/26 C04B11/50 C04B22/16 C04B28/14 C04B41/70 C08K3/00 C09K21/00 E04B1/04 E04C2/04 E04F13/02 **CP:** C04B16/02 C04B16/04 C04B14/00 Y10T428/192 Y10T428/26 Y10T428/232 E04C2/043 C04B41/52 C04B2111/00094 C04B2111/34 E04C2/04 C04B38/10 C04B14/185 C04B24/26 C04B2103/44 C04B24/32 C04B14/46 C04B14/38 C04B22/004 C04B24/383 C04B40/0028 C04B24/16 C04B20/0048 C04B24/38 C04B22/16 C04B28/14 C04B28/147 C04B41/009 C04B41/70 C04B2111/00612 C04B2111/0062 C04B2111/00672 C04B2111/52 C04B2111/54 Y10T428/31971 Y02W30/97

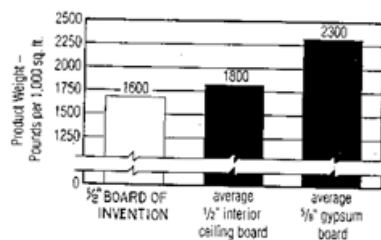
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US: 106/677 106/680 106/680S 106/690 106/690S 106/691 106/691S 106/772 106/772S 106/776 106/778 106/779 106/779S 106/785 106/786 106/819 106/823 156/325 156/325S 156/39 156/42 156/43 156/44 264/333 366/342 366/342S 423/303 423/303S 423/314 427/427 427/427S 427/445 427/445S 428/332 428/532 428/532P 428/58 428/58P 428/697 428/697S 428/70 428/703 428/703P 428/703S 428/704 5/234.4 52/344 524/5

PatBase - US2002045074_AA

Patent Application Publication Apr. 18, 2002 Sheet 1 of 5 US 2002/0045074 A1

FIG.1



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: UNITED STATES GYPSUM CO

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Inventor(s): GROZA BRENT E GRAYSLAKE ; FREDERICK THOMAS JONES ; UNITED STATES GYPSUM CO ; S'JUKECH STIVEN V. ; HENKELS PAUL J ARLINGTON HEIGHTS ; STEVEN WILLIAM SUCECH ; YU QIANG GRAYSLAKE ; WSUCECH STEVEN ; FREDERIC T JONES ; FRED M BOEHNERT ; SUCECH STEVEN W LAKE VILLA ; PAUL JAMES HENKELS ; MLINAC RAYMOND J WILDWOOD ; JONES FREDERICK T GRAYSLAKE ; FREDERICK JONES ; FREDERICK BOEHNERT ; BRENT GROZA ; QIANG YU STEVEN W SUCECH BRENT E GROZA RAYMOND J MLINAC ; FREDERIK T JONES ; BRENT EDWARD GROZA ; RAYMOND JOHN MLINAC ; RAYMOND MILINAC ; STEVEN SUCECH

Agent(s): GRIFFITH HACK ; MACRAE AND CO ; MARKS AND CLERK ; ALESSANDRI ; MARKS AND CLERK LUXEMBOURG LLP ; OXLEY ROBIN JOHN GEORGE ; ROBERTSON JAMES ALEXANDER ; CARPINTERO MARIO ; REINHOLD COHN AND PARTNERS ; LEYDIG VOIT AND MAYER LTD ; MICHAEL M ; DAVID E ; PETTI PHILLIP T ; JNCI DAVID F ; PHILLIP T ; DAVID F ; PHILIP T ; PRADIP K

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK 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 MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

Title: METHOD OF IMPROVING DISPERSANT EFFICACY IN MAKING **GYPSUM** PRODUCTS

Abstract: Source: US2006278132A [EN] The invention generally provides **gypsum**-containing slurries including stucco, trimetaphosphate **salt**, and naphthalenesulfonate dispersant, wherein the trimetaphosphate **salt** is present in an amount of at least about 0.12 percent by weight based on the weight of stucco. Other slurry additives can include accelerators, binders, starch, and paper **fiber**, **glass fiber**, and other known ingredients. The invention also comprises the **gypsum**-containing products made with such slurries, for example, **gypsum** wallboard, and a method of making **gypsum** wallboard.

Classifications:

International (IPC 8-9): B01F17/12 B01F17/14 C04B24/20 B22B1/04 B23B13/00 B23B3/04 B23B37/00 B28B19/00 B28B3/12 B32B B32B1/00 B32B1/04 B32B13/00 B32B13/02 B32B13/04 B32B13/08 B32B13/14 B32B15/00 B32B17/02 B32B21/00 B32B27/02 B32B29/00 B32B3/00 B32B3/26 B32B3/30 B32B37/00 B32B37/02 B32B37/15 B32B37/24 B32B38/10 B32B38/16 B32B5/02 B32B5/24 B32B7/02 B52B13/00 C04B C04B11/00 C04B11/28 C04B11/40 C04B14/28 C04B14/38 C04B14/42 C04B14/46 C04B16/00 C04B16/02 C04B16/08 C04B18/24 C04B20/06 C04B22/06 C04B22/14 C04B22/16 C04B24/00 C04B24/10 C04B24/16 C04B24/22 C04B24/38 C04B24/40 C04B26/28 C04B28/00 C04B28/12 C04B28/14 C04B28/34 C04B28/100 C04B38/02 C04B38/08 C04B38/10 C04B40/00 C04B7/34 C04B9/00 E04B1/94 E04C2/00 E04C2/04 E04C2/26 E04C2/28 E04F13/02 E04F13/14 (Advanced/Invention); B23B13/00 B23B37/00 C04B103/00 C04B103/42 C04B11/00 C04B11/00 C04B11/40 C04B14/28 C04B22/14 C04B24/16 C04B24/38 C04B28/14 C04B38/10 (Advanced/Non-invention); B23B13/00 B23B37/00 B28B3/00 B32B1/00 B32B13/00 B32B3/00 B32B3/26 B32B37/00 B32B38/10 C04B11/00 C04B14/02 C04B14/38 C04B16/00 C04B20/06 C04B22/00 C04B24/00 C04B28/00 C04B28/14 C04B9/00 (Core/Invention); B23B B32B (Subclass/Invention)

International (IPC 1-7): B23B13/00 B23B37/00 B32B13/00 B32B13/02 B32B13/04 B32B13/08 B32B27/02 B32B29/00 B32B3/26 C04B 11/00 C04B 28/00 C04B 28/14 C04B11/00 C04B16/08 C04B28/14 C04B9/00 E04C2/04 E04F13/02

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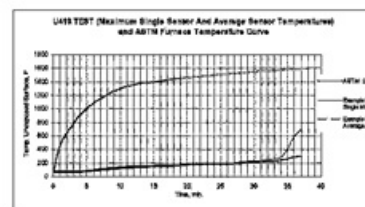
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US: 106/674 106/680 106/680S 106/691 106/711 106/772 106/778 106/778S 106/779 106/779S 106/780 106/780S 106/781 106/781S 106/783 106/783S 106/785 106/785S 156/250 156/250S 156/39 156/42 156/45 156/45S 252/62 428/156 428/158 428/220 428/220P 428/304.4 428/304.400P 428/312.4 428/312.400P 428/340 428/400 428/426 428/457 428/457S 428/532 428/533 428/535 428/537.1 428/537.100S 428/537.5 428/70 428/703 428/703P 428/703S 428/70P 442/386 52/443 52/553

PatBase - W012116313_R1

WD 2012/11/03 1/4 PCT/US2012/01895

FIGURE 1



Family:

Publication number	Publication date	Application number	Application date
AR053623 AA	20070509	AR2006P102432	20060609
AR054389 AA	20070620	AR2006P102433	20060609
AR063772 AA	20090218	AR2007P104860	20071031
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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT 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 YU ZA ZM ZW

Title: LIGHTWEIGHT, REDUCED DENSITY FIRE RATED **GYPSUM** PANELS

Abstract: Source: US2012219785A [EN] A reduced weight, reduced density **gypsum** panel that includes high expansion vermiculite with fire resistance capabilities that are at least comparable to (if not better than) commercial fire rated **gypsum** panels with a much greater **gypsum** content, weight and density.

Classifications:

International (IPC 8-9): B28B1/14 B28B1/30 B28B1/50 B28B11/12 B28B11/14 B28B11/24 B32B13/00 B32B13/02 B32B17/02 B32B27/32 B32B3/00 B32B3/26 B32B38/00 B32B5/16 B32B5/20 B32B9/00 C04B11/00 C04B11/00 C04B11/28 C04B14/20 C04B14/38 C04B14/42 C04B14/46 C04B20/06 C04B22/10 C04B22/16 C04B24/22 C04B24/38 C04B28/14 C04B38/08 C04B38/10 C04B9/04 E04B1/88 E04B1/94 E04C2/04 E04C2/26 E04F13/075 (Advanced/Invention); C04B11/00 C04B11/28 (Advanced/Non-invention); C04B20/00 (Core/Invention)

CPC: B32B38/164 C04B28/145 C04B211/0062 C04B211/28 C04B14/386 C04B14/42 C04B14/46 C04B20/0024 C04B22/16 C04B24/38 C04B38/0054 C04B38/106 C04B2103/408 C04B14/202 Y10T428/249968 Y10T428/249979 Y10T428/26 Y10T428/31971 E04C2/04 B28B11/12 B28B11/243 B32B9/005 B32B5/16 E04B1/942 B32B2307/3065 B32B2607/00 C04B2201/30 B28B1/50 C04B20/06 C04B28/14

European: C04B20/06 C04B28/14H M04B111/00T6B M04B111/28
US: 106/772 106/788 156/43 428/220 428/312.4 428/312.400P 428/315.7 428/332 428/426 428/426S 428/532 428/532S 428/703 428/703S

PatBase - US2012219785_AA

Patent Application Publication Aug. 30, 2012 Sheet 1 of 54 US 2012/0219785 A1

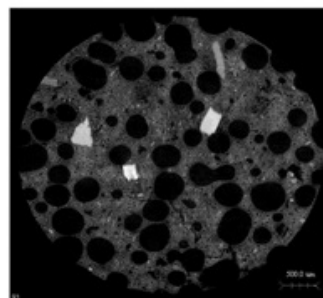


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
AR085492 AA	20131009	AR2012P100629	20120224
AR100166 AB	20160914	AR2015P101222	20150423
AU2012222102 AA	20120830	AU20120222102	20120224
AU2012222102 BB	20131219	AU20120222102	20120224
AU2012222102 CA	20160602	AU20120222102	20120224
AU2014201626 AA	20140410	AU20140201626	20140318
AU2014201626 BB	20150416	AU20140201626	20140318
AU2015100420 AD	20150507	AU20150100420	20150401
AU2015201675 AA	20150423	AU20150201675	20150401
AU2016203704 AA	20160623	AU20160203704	20160603
AU2016203707 AA	20160714	AU20160203707	20160603
AU2016203711 AA	20160714	AU20160203711	20160603
AU2016203712 AA	20160714	AU20160203712	20160603
AU2016203716 AA	20160623	AU20160203716	20160603
AU2016203717 AA	20160623	AU20160203717	20160603
AU2016203720 AA	20160623	AU20160203720	20160603
AU2016203721 AA	20160623	AU20160203721	20160603
BR112013021559 A2	20170530	BR20131121559	20120224
CA2828308 AA	20130823	CA20122828308	20120224
CA2959263 AA	20120830	CA20122959263	20120224
CN103562153 A	20140205	CN201280014719	20120224
CN103562153 B	20160203	CN201280014719	20120224
CN105367029 A	20160302	CN201510660589	20120224
CN105731958 A	20160706	CN201610003520	20120224
EP2678289 A1	20140101	EP20120709203	20120224
EP2781492 A2	20140924	EP20140169525	20120224
EP2781492 A3	20150325	EP20140169525	20120224
ID201700945 A	20170210	ID2015P0001078	20120224
IN08086DN2013 A	20160624	IN2013DN08086	20130916
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JP2016052985 A2	20160414	JP20150186332	20150924
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JP3199586 U	20150903	JP20150002417U	20150518
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KR101434488 B1	20140827	KR20137024505	20120224
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MX2013009787 A1	20130926	MX20130009787	20120224
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RU2589784 C1	20160710	RU20150129667	20120224
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UA108152 C2	20150325	UA20130101261	20120224
US2012219785 AA	20120830	US20120400010	20120217
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US8323785 BB	20121204	US20120400010	20120217
US8702881 BB	20140422	US20120669283	20121105
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WO12116325 A1	20120830	WO2012US26613	20120224

Priority:

AU20120222102	20120224	AU20140201626	20140318	AU20150201675	20150401
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JP20160167527	20160830	US20170457466	20170313	NZ20120615558	20120224

Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std): LI ALFRED ; LUAN WENQI ; SONG WEIXIN D ; UNITED STATES GYPSUM CO ; VEERAMASUNENI SRINIVAS ; YU QIANG ; USG CORP ; YUNAJTED STEJTS DZHIPSUM KOMPANI

Assignee(s): UNITED STATES GYPSUM COMPANY

Inventor(s): (std): ALFRED LI ; LI ALFRED ; LU QIANG ; LUAN WENQI ; QIANG YU ; SONG WEIXIN D ; SONG WEIXIN DAVID ; SRINIVAS VEERAMASUNENI ; VEERAMASUNENI SRINIVAS ; VEERAMASUNENI SRINIVAS D ; WEIXIN D SONG ; WEIXIN DAVID SONG ; WENQI LUAN ; YU QIANG

Agent(s): JAMES AND WELLS INTELLECTUAL PROPERTY; MOFFAT AND CO; SCHUETTE HARTMUT; BSB INTELLECTUAL PROPERTY LAW; BAHAR SANTOSO SH; LEYDIG VOIT AND MAYER LTD; PHILIP T; DAVID F; PRADIP K; FILBIN PAUL J ET AL

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

Title: IMAGE MAKING MEDIUM

Abstract: Source: US2003035917A [EN] The invention relates to an image support medium for creation of an aesthetic image that is an work or object for display. This support medium includes a polymer in an amount sufficient to enable the image to have at least one aesthetic element. In different embodiments, the image support medium is an image support stabilizer, the polymer is a synthetic absorbent or conductive polymer, or the polymer is a transparent or synthetic translucent polymer and a property of this transparent or translucent polymer is enhanced to facilitate the creation or preservation of the image by at least one stabilizer. The invention also relates to a method for preparing this image support medium. The method includes forming a reaction mixture comprising a monomer in an amount sufficient to provide or enable the image to have an aesthetic element, and processing the reaction mixture into a 2- or 3-dimensional shape.

Classifications:

International (IPC 8-9): B41M1/00 B41M1/30 B41M5/24 B41M5/26 B41M5/36 B44C3/00 B44C3/04 B44C5/00 B44D3/18 B44F1/00 B44F1/06 B44F11/00 C08K5/00 C08K5/34 C08K5/3445 C08L101/00 C08L81/00 D06N7/04 G03C5/00 G09B11/10 (Advanced/Invention); B41M5/24 B41M5/26 C08K5/00 (Advanced/Non-invention)

International (IPC 1-7): B32B1/00 B32B19/00 B32B9/00 B44C1/00 B44C1/26 B44C1/28 B44C3/12 C08J3/00 C08K5/34 C08L1/00 D06N7/04

CPC: Y10T428/22 Y10T428/24355 B41M1/30 B41M5/0047 B41M5/24 G03C5/00 B44C5/00 B41M5/26 B41M5/267 B41M5/36 B44C3/046 B44C3/048 B44D3/18 B44F1/00 C08K5/005 G09B11/10

European: B41M1/30 B41M5/36 B44C3/04F B44C3/04F2

US: 156/58 156/58S 257/40 257/79 345/173 428/141 428/141S 428/15 428/174 428/542.8 428/67 428/67P 428/69 428/690 428/690S 428/80 434/81 438/26 445/24 524/106 524/106S 524/609 524/612 528/502R

PatBase - US2003035917_AA



Family:

Publication number	Publication date	Application number	Application date
AU200058715 A1	20010102	AU20000058715	20000612
AU200058715 A5	20010102	AU20000058715D	20000612
CA2394645 AA	20020618	CA20002394645	20000612
EP1208150 A1	20020529	EP20000944650	20000612
EP1208150 A4	20050126	EP20000944650	20000612
EP1777255 A2	20070425	EP20070100176	20000612
EP1777255 A3	20070711	EP20070100176	20000612
US2003035917 AA	20030220	US20020170503	20020614
US2014186646 AA	20140703	US20140203327	20140310
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US2017287351 AA	20171005	US20170630499	20170622
US2017316713 AA	20171102	US20170647051	20170711
US7629400 BB	20091208	US20020170503	20020614
US8669325 BA	20140311	US20090631627	20091204
US9744800 BB	20170829	US20140203327	20140310
US9786194 BB	20171010	US20140584921	20141229
WO0077085 A1	20001221	WO2000US16111	20000612

Priority:

EP20000944650	20000612	US19990138694P	19990611	US20010012259	20011211
US20020170503	20020614	US20020012259	20020614	US20090631627	20091204
US20140203327	20140310	US20050118975	20050428	US20040567022P	20040430
WO2000US16111	20000612	US20140584921	20141229	US20170630499	20170622
US20170647051	20170711				

Probable Assignee: HYMAN SYDNEY

Assignee(s): (std): HYMAN SYDNEY

Assignee(s): SYDNEY HYMAN

Inventor(s): (std): HYMAN SYDNEY

Inventor(s): SYDNEY HYMAN

Agent(s): OSLER HOSKIN AND HARCOURT LLP; WINSTON AND STRAWN LLP

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

Title: FLUIDIC DEVICES FOR BIOSPECIMEN PRESERVATION

Abstract: Source: US2013280725A [EN] The present invention relates to fluidic devices for preparing, processing, storing, preserving, and/or analyzing samples. In particular, the devices and related systems and methods allow for preservation or storage of samples (e.g., biospecimen samples) by using one or more of a bridge, a membrane, and/or a desiccant.

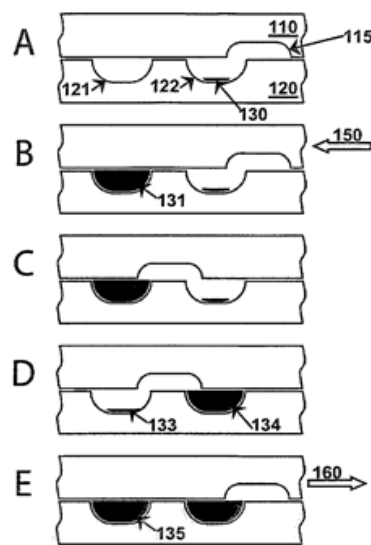
Classifications:

International (IPC 8-9): B01L3/00 C12M1/00 C12N15/10 C12Q1/68 G01N1/00 G01N1/10 G01N1/28 G01N21/75 G01N33/48 G01N33/52 G01N33/68 G01N35/08 (Advanced/Invention); B01L7/00 G01N33/543 (Advanced/Non-invention); G01N (Subclass/Invention)

CPC: C12N15/1003 G01N33/54366 B01L3/5027 B01L3/502715 B01L3/50273 B01L3/502738 B01L3/502784 B01L3/52 B01L7/52 B01L2200/027 B01L2200/0605 B01L2200/0673 B01L2200/0678 B01L2300/045 B01L2300/0681 B01L2300/0803 B01L2300/0816 B01L2300/0864 B01L2300/0867 B01L2300/0874 B01L2400/0406 B01L2400/0487 B01L2400/0644 B01L2400/065 G01N33/525 Y10T436/143333 Y10T436/2525

US: 422/502 435/307.1 435/309.1 435/6.12 436/176 436/94

PatBase - US2013280725_RR



Family:

Publication number	Publication date	Application number	Application date
AU2013249007 AA	20131024	AU20130249007	20130422
AU2013249007 BB	20160421	AU20130249007	20130422
AU2016204953 AA	20160804	AU20160204953	20160714
AU2016204953 BB	20171123	AU20160204953	20160714
CA2870999 AA	20141020	CA20132870999	20130422
CN104428651 A	20150318	CN201380033007	20130422
EP2839260 A1	20150225	EP2013077661	20130422
EP2839260 A4	20151021	EP2013077661	20130422
HK1203627 A1	20151030	HK20150104227	20150504
JP2015514997 T2	20150521	JP20150507251T	20130422
JP6196661 B2	20170913	JP20150507251T	20130422
US2013280725 AA	20131024	US20130868009	20130422
US2013309679 AA	20131121	US20130868028	20130422
US9808798 BB	20171107	US20130868009	20130422
US9822356 BB	20171121	US20130868028	20130422
WO13159116 A1	20131024	WO2013US37658	20130422
WO13159117 A1	20131024	WO2013US37660	20130422

Priority:

AU20130249007 20130422 AU20160204953 20160714 US20120636426P 20120420
 US20120726089P 20121114 US20130868009 20130422 US20130868028 20130422
 WO2013US37660 20130422

Probable Assignee: CALIFORNIA INST OF TECHNOLOGY

Assignee(s): (std): CALIFORNIA INST OF TECH ; CALIFORNIA INST OF TECHN ; SLIPCHIP CORP ; SLIPCHIP LLC ; UNIV CHICAGO

Assignee(s): NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH AND HUMAN SERVICES DHHS US GOVERNMENT ; BEGOLO STEFANO ; SELCK DAVID ; SLIPCHIP LLC129 N. HILL AVENUEPASADENACA91106US ; SHEN FENG ; CALIFORNIA INST OF TECHNOLOGY ; CALIFORNIA INST OF TECHNOLOGY PASADENA CA 91125 ; CALIFORNIA INST OF TECHNOLOGY1200 EAST CALIFORNIA BOULEVARDMAIL CODE 201-85PASADENACA91125US ; MCCALLA STEPHANIE ; HOMEWOOD PHILIP JAMES ; LI LIANG ; ISMAGILOV RUSTEM F ; KARYMOV MIKHAIL ; HSU YU HSIANG ; OF CHICAGO UNIV

Inventor(s): (std): BEGOLO STEFANO ; HOMEWOOD PHILIP JAMES ; HSU YU HSIANG ; ISMAGILOV RUSTEM F ; ISMAGILOV RUSTEM F F ; KARYMOV MIKHAIL ; LI LIANG ; MCCALLA STEPHANIE ; PAN QICHAO ; SELCK DAVID ; SHEN FENG

Inventor(s): SHEN FENGUS ; SELCK DAVIDUS ; MCCALLA STEPHANIEUS ; LI LIANGUS ; KARYMOV MIKHAILUS ; ISMAGILOV RUSTEM FUS ; HSU YU HSIANGUS ; HOMEWOOD PHILIP JAMESGB ; BEGOLO STEFANOUS

Agent(s): PIZZEYS ; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD ; GOWLING LAFLEUR HENDERSON LLP ; CARPMAELS AND RANSFORD LLP ; KAWAMOTO KAZUYA ; SHIMIZU HATSUSHI ; OSAKABE SUGURU ; FENWICK AND WEST LLP ; MCDONALD J COOPER

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

Title: CONSTRUCTION MATERIALS CONTAINING SURFACE MODIFIED FIBERS

Abstract: Source: US2003219580A [EN] Construction materials containing surface modified reinforcements are used to fabricate composite structures. The composite structures comprise a matrix material and surface modified reinforcements, such as fibers and particulates. The surface modifier may be applied to a fiber surface using conventional sizing equipment and provides a durable film on the fiber. The surface modifier may be selected to have multifunctional properties, for example, increasing fiber pull-out strength, imparting bio-active properties, improving moisture resistance and other desirable properties to the composite structure.

Classifications:

International (IPC 8-9): B32B13/08 C04B111/30 C04B18/28 C04B20/00 C04B24/14 C04B24/38 C04B28/02 C04B28/14 D06M15/356 D06M16/00 E04C2/04 (Advanced/Invention); C04B111/30 (Advanced/Non-invention); C04B18/04 C04B20/00 C04B24/00 C04B28/00 D06M15/21 D06M16/00 E04C2/00 E04C2/04 (Core/Invention); C04B (Subclass/Invention); C04B (Subclass/Non-invention)

International (IPC 1-7): B32B13/00 B32B3/26 B32B31/00 B32B7/08 C04B C04B111/30 C04B24/38 C04B28/14 D04H1/00 E04C2/04

CPC: C04B20/0048 C04B24/383 D06M15/3562 D06M16/00 Y10T428/256 Y10T428/1372 Y10T428/1393 Y10T428/17 Y10T428/269 C04B28/14 C04B18/28 C04B211/00612 C04B211/27 C04B20/1033 C04B20/1048 C04B24/38 C04B28/02 C04B28/145 C04B28/16 C04B211/10 C04B211/30 C04B2201/20 B32B13/08 C04B28/147 C04B211/00129 C04B211/0062 E04C2/043 Y10T428/24997 Y02W30/97 Y10T428/249953 Y10T428/249923 Y10T428/249924 Y10T428/249932 Y10T428/249961

European: B32B13/08 C04B18/28 C04B20/00F C04B20/10B4D C04B20/10B4K C04B24/38 C04B24/38B C04B28/02 C04B28/14 C04B28/14H C04B28/14H4 C04B28/16 D06M15/356N D06M16/00 E04C2/04C M04B111/00M14 M04B111/00T6 M04B111/00T6B M04B111/10 M04B111/27 M04B111/30 M04B201/20

US: 106/638 156/39 156/39S 206/524.3 428/223 428/292.1 428/292.100P 428/294.7 428/294.700S 428/304.4 428/310.5 428/312.8 428/328 428/339 428/36.4 428/36.91 428/364 428/53 524/42 524/42P 524/43 524/43S 524/44 524/44S



Family:

Publication number	Publication date	Application number	Application date
AT390391 E	20080415	AT20030777785T	20031021
AU2003286582 AA	20040603	AU20030286582	20031021
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EP1560798 B1	20080326	EP20030777785	20031021
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EP1594813 B1	20160420	EP20040704924	20040123
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IN223773 B	20080926	IN2005KN01073	20050606
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SI1594813 T1	20160831	SI20040032334	20040123
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US6902797 BB	20050607	US20030446571	20030527
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WO04043872 A2	20040527	WO2003US33496	20031021
WO04043872 A3	20040805	WO2003US33496	20031021
WO04065319 A2	20040805	WO2004US01957	20040123
WO04065319 A3	20050512	WO2004US01957	20040123
ZA200503800 A	20060830	ZA20050003800	20050511
ZA200505924 A	20061025	ZA20050005924	20040123

Priority:

EP20040704924	20040123	US20020383335P	20020524	US20020425924	20021112
US20030442725	20030123	US20030351675	20030123	US20030446571	20030527
US20030442725P	20030123	US20030446889	20030527	US20020425924P	20021112
WO2003US33496	20031031	WO2003US33496	20031021	US20030463138P	20030414
US20030476682P	20030606	US20030510950P	20031010	WO2004US01957	20040123

Probable Assignee: SAINT GOBAIN PLACO

Assignee(s): (std): INNOVATIVE CONSTR AND BUILD MAT ; INNOVATIVE CONSTRUCTION AND BU ; INNOVATIVE CONSTRUCTION AND BUILDING MATERIALS ; POLLOCK JACOB FREAS ; TAGGE CHRISTOPHER D ; TORRES LENNARD ; SOANE DAVID S ; INNOVATIE CONSTRUCTION AND BUI ; SAINT GOBAIN PLACO

Assignee(s): INNOVATIVE CONSTRUCTION AND BUILDING MATERIALS LLC ; INNOVATIE CONSTRUCTION AND BUILDING MATERIALS ; COMMATONE LTD ; INNOVATIVE CONTRUCTION AND BUILDING MATERIALS

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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: POLYOLEFIN ADHESIVE COMPOSITIONS AND ARTICLES MADE THEREFROM

Abstract: Source: US2004127614A [EN] 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)

International (IPC 1-7): C08F10/06 C08F2/00 C08F2/38 C08F210/04 C08F210/06 C08F297/08 C08F4/44 C08F4/64 C08F4/642 C08F4/643 C08G63/91 C08J3/00 C08K5/01 C08L23/10 C08L51/00 C09J123/10 C09J123/12

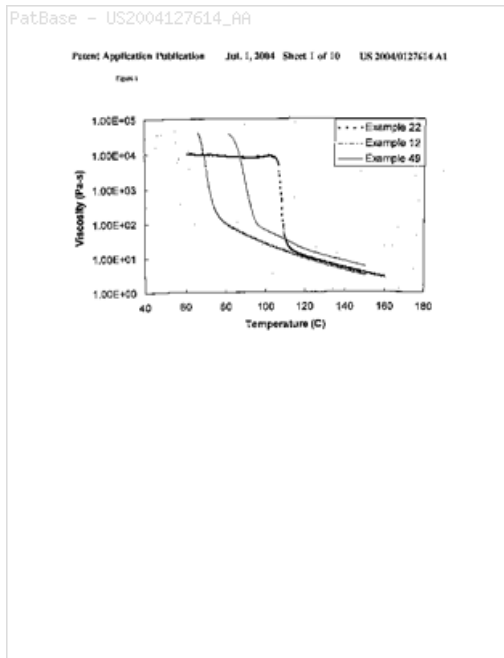
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European: C08F10/00 C08F10/04 C08F10/06 C08F210/06 C08F255/00 C08F255/02 C08F297/08 C08F8/00 C08L23/10 C08L23/12 C08L23/14 C08L23/14A C08L23/14A C08L23/14A C09J123/10 C09J123/12 C09J123/14A C09J151/06 C09J153/02 C09J155/02 D21H17/35 M08F110/06 M08F210/06 M08F4/6592 M08F4/6592B4 M08F4/659D M08F4/659K M08L205/02 M08L205/03 M08L207/12 M08L207/14 M08L23/10 M08L23/12 M08L23/14 M08L23/14A M08L314/06 M08L51/00B M08L51/06 M08L57/02 M08L91/06 N21H21/18

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Family:

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Inventor(s): JOHNSRUD DAVID R BAYTOWN ; JIANG PEIJUN NELSON KEITH ALLEN CURRY CHRISTOPHERL ; JIANG PEIJUN DEKMEZIAN ARMENAG CANICH JO ANN M SIM ; JIANG PEIJUN NELSON KEITH ALLEN CURRY ; ABHARI RAMIN SIMS CHARLES LEWIS TSE MUN FU BRANT P ; ABHARI RAMIN SIMS CHARLES L LEWTAS KENNETH TSE MUN ; ABHARI RAMIN SIMS CHARLES L ; DEKMEZIAN ARMENAG KINGWOOD ; TSE MUN FU SEABROOK ; NELSON KEITH A HOUSTON ; NICHOLAS KAPPES ; PEIJIN JIANG ; SIMS CHARLES L HEMET ; SIMS CHARLES L HOUSTON ; TSE MUN ; MICHEL L FAISSET ; MUN FU TSE ; MICHAEL L FAISSAT ; KNAPPES NICHOLAS BAYTOWN ; MATHEW THOTTINAL ; KAPPES NICHOLAS 1000 ; JOHNSRUD DAVID R HUMBLE ; JOANN M CANICH ; GARCIA FRANCO CESAR A HOUSTON ; JIANG PEIJUN DEKMEZIAN ARMENAG CANICH JO ANN M ; JIANG PEIJUN LEAGUE CITY ; JIANG PEIJUN NELSON KEITH ALLEN CURRY CHRISTOPHERLEWIS DEKMEZIAN ARMENAG HAGOP SIMS CHARLES LEWIS ABHARI RAMIN GARCIA FRANCO CESAR ALBERTO CANICH JOANN MARIE KAPPES NICOLAS FAISSAT MICHEL LOUIS JACO ; HIDEAKI WAKABAYASHI ; FAISSAT MICHEL LOUIS 1410 ; DEKMEZIAN ARMENGAG KINGWOOD ; DEKMEZIAN ARMENAG AUSTIN ; CANICH JO ANN M HOUSTON ; CURRY CHRISTOPHER L DAYTON ; CURRY CHRISTOPHER L SEABROOK ; ABHARI RAMIN BIXBY ; ABHARI RAMIN SIMS CHARLES LEWIS JIANG PEIJUN ; ABHARI RAMIN SIMS CHARLES LEWIS JIANG PEIJUN JOHNSRUD DAVID RAYMOND CANICH JO ANN MARIE ; ABHARI RAMIN SIMS CHARLES LEWIS TSE MUN FU ; ABHARI RAMIN SIMS CHARLES LEWIS TSE MUN FU BRANT PATRICK JIANG PEIJUN JOHNSRUD DAVID RAYMOND ; BRANT PATRICK SEABROOK ; BRANT PATRICK ; CAIGUI GONG ; CANICH JO ANN

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

Title: STRUCTURAL COMPONENTS FOR OIL, GAS, EXPLORATION, REFINING AND PETROCHEMICAL APPLICATIONS

Abstract: Source: US2010263195A [EN] A method to form a pipe system which meets level II fire endurance standard according to IMO A 18/Res.753 fire testing protocol, for use in oil, gas, exploration, refining and petrochemical applications is provided. In the pipe system, each pipe section comprises a plurality of **layers**, an inner **layer** in contact with the corrosive petroleum product comprising a thermoplastic material, a structural **layer** comprising a composite material, and an outer **layer** comprising a fire resistive material. The method comprises applying energy to join the corrosion resistant **layers** of the separate pipe sections together forming a joint, applying an external wrap around the joint and at least a portion of the composite structural **layers** of the at least two pipe sections, and bonding the external wrap to the joint and the composite structural **layers** by chemical curing, thermal treatment, or combinations thereof.

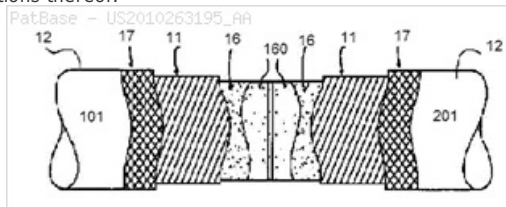
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US: 1/1 138/125 138/125S 138/140 138/141 138/146 138/153 138/153S 138/99 29/402.09 29/527.1 29/527.100P 428/332 428/332S 428/34.1 428/34.100P 428/34.6 428/418 428/418S 428/433 428/433S 428/447 428/447S 428/450 428/450S 428/457 428/457S 428/615 428/615S 428/698 428/698S 428/702 428/702S



Family:

Publication number	Publication date	Application number	Application date
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US2010263761 AA	20101021	US20100761631	20100416
US2010266788 AA	20101021	US20100761698	20100416
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US9284227 BB	20160315	US20100761631	20100416
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Priority:

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Probable Assignee: CHEVRON USA INC

Assignee(s): (std): CHEVRON USA INC ; JUSINSKI GRZEGORZ JAN ; NICCOLLS EDWIN H ; O CONNOR ANDREW ; KUSINSKI GRZEGORZ JAN ; SHEVRON JU EHS EHI INK

Assignee(s): CHEVRON U S A INC

Inventor(s): (std): ANDREW O CONNOR ; JAN KUSINSKI GRZEGORZ ; JUSINSKI GRZEGORZ JAN ; KUSINSKI GRZEGORZ JAN ; KUSINSKI GZHEGOZH JAN ; NICCOLLS EDWIN H ; NIKKOLS EHDVIN G ; O CONNOR ANDREW ; O KONNOR EHNDRJU

Inventor(s): O'CONNOR ANDREW

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

Title: BAG MADE FROM HIGH-STRENGTH HEAT-SHRINKABLE FILM EXHIBITING DIRECTIONAL TEAR, AND PROCESS UTILIZING SAME

Abstract: Source: US2008292225A [EN] A heat-shrinkable bag has a means for initiating a manual tear that can be propagated to open the bag and allow a product to be readily removed therefrom, without the use of a knife or scissors or any other implement. The bag is made from a heat-shrinkable multilayer film having a Peak Load Impact Strength of at least 50 Newtons per mil. The means for initiating tearing results in a first tear in the first side of the bag, and a second tear in the second side of the bag. The first tear and the second tear are each capable of being manually propagated through a heat seal and across the bag, or down the length of the bag, with the tear being capable of being manually propagated through and to an opposite bag edge, so that the product inside a package can be readily removed from the bag. A process for making a package and manually opening the package, comprises placing a product inside the bag, sealing the bag closed, shrinking the film around the product, manually initiating and manually propagating the first and second tears, and readily removing the product from the bag.

Classifications:

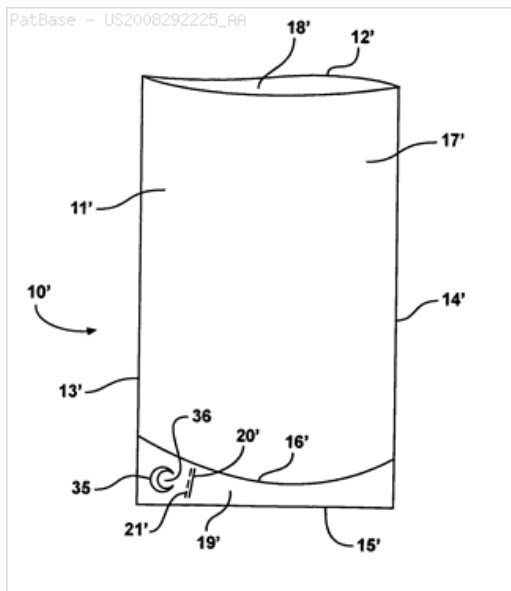
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International (IPC 1-7): B32B27/08 B32B27/32 B32B27/34 B65D75/00 B65D75/58

CPC: B32B3/02 B32B3/266 B32B7/045 B32B27/18 B32B27/302 B32B27/304 B32B27/306 B32B27/308 B32B27/36 B32B27/365 B32B2270/00 B32B2307/558 B32B2307/7242 B32B2307/7244 B32B2307/736 B32B2439/06 B32B2439/46 B32B2439/70 Y02W30/801 B32B1/02 B32B7/06 B32B7/12 B32B27/30 B32B2250/05 B32B2264/10 B32B2307/31 B32B2307/518 B32B2307/54 B32B2307/702 B32B2307/746 B32B2307/748 B32B27/08 B65D75/58 B29C65/02 B29C65/405 B29C66/112 B65D75/5833 B65D75/5838 B65D75/5844 B65D75/68 B65D75/002 B32B27/20 B32B27/32 B32B27/34 B65D75/5805 Y10T428/1328

European: B32B27/08 B32B27/20 B32B27/30 B32B27/32

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US: 383/207 383/207P 383/37 383/37S 428/34.9 53/442 53/467 53/467S



Family:

Publication number	Publication date	Application number	Application date
AR066647 AA	20090902	AR2008P102136	20080520
AU2008254421 AA	20081127	AU20080254421	20080520
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NZ592803 A	20140131	NZ20090592803	20091120
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Priority:

AU20080254421	20080520	AU20090316512	20091120	AU20140253580	20141027
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Probable Assignee: CRYOVAC INC

Assignee(s): (std): BONNER THOMAS ; BONNER TOM ; BOSSONG SCOTT ; BOSSONG SCOTT C ; COMPTON STEPHEN ; COMPTON STEPHEN F ; HUERTA DIANA ; ODABASHIAN ROBERT A ; MOSSBROOK MENDY W ; KENNEDY THOMAS D ; DAYRIT RICHARD M ; HODGSON RODNEY R ; CRYOVAC INC ; HUERTA DIANA L ; RANGANATHAN SUMITA ; ODABASHIAN ROBERT ; STOCKLEY H WALKER ; WATSON RICHARD K ; RIVETT JANET W ; STOCKLEY H WALKER III ; ROSINSKI MICHAEL J ; ROSINSKI MICHAEL ; WATSON RICHARD

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Inventor(s): (std): H WALKER STOCKLEY III ; HODGSON RODNEY R ; HUERTA DIANA ; HUERTA DIANA L ; JANET W RIVETT ; KENNEDY THOMAS ; KENNEDY THOMAS D ; MENDY W MOSSBROOK ; MICHAEL ROSINSKI ; MOSSBROOK MENDY ; MOSSBROOK MENDY W ; ODABASHIAN ROBERT ; ODABASHIAN ROBERT A ; RANGANATHAN SUMITA ; RICHARD K WATSON ; RICHARD M DAYRIT ; RICHARD WATSON ; RIVETT JANET ; RIVETT JANET W ; ROBERT A ODABASHIAN ; ROBERT ODABASHIAN ; RODNEY R HODGSON ; ROSINSKI MICHAEL ; ROSINSKI MICHAEL J ; SCOTT BOSSONG ; STEPHEN COMPTON ; STOCKLEY H WALKER ; STOCKLEY H WALKER III ; STOCKLEY WALKER H ; SUMITA RANGANATHAN ; THOMAS D KENNEDY ; WALKER STOCKLEY H ; WATSON RICHARD ; WATSON RICHARD K ; WALKER STOCKLEY H III ; THOMAS BONNER ; BONNER THOMAS ; BONNER TOM ; BOSSONG SCOTT ; BOSSONG SCOTT C ; COMPTON STEPHEN ; COMPTON STEPHEN F ; DAYRIT RICHARD ; DAYRIT RICHARD M ; STOCKLEY III H WALKER ; STOCKLEY H ; HODGSON RODNEY ; DIANA HUERTA ; BONNER THOM

Inventor(s): H WALKER STOCKLEY ; THOM BONNER

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; UEXKUELL AND STOLBERG; JACKSON MARTIN PETER; J A KEMP; ISERN JORGE; PONS ANGEL; SEALED AIR CORP; RUPERT B HURLEY JR SEALED AIR CORP; CRYOVAC INC; HURLEY RUPERT B JR ET AL

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

Title: METHODS AND COMPOSITIONS USING CALCIUM CARBONATE

Abstract: Source: US2011067600A [EN] Provided herein are compositions and methods including hydraulic cement, supplementary cementitious material, and/or self-cementing material. Methods for making the compositions and using the compositions are provided.

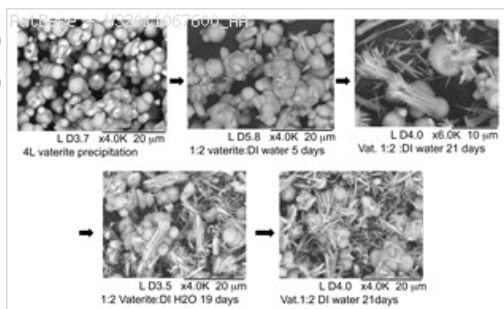
Classifications:

International (IPC 8-9): B01D53/62 B01J19/00 B28B3/00 B29C65/00 C01F11/18 C01F5/24 C04B11/00 C04B14/00 C04B14/26 C04B14/28 C04B14/34 C04B14/38 C04B16/04 C04B16/06 C04B18/24 C04B2/10 C04B22/10 C04B22/12 C04B24/14 C04B28/00 C04B28/02 C04B28/04 C04B40/00 C04B7/00 C04B7/02 C04B7/345 C04B7/36 C04B9/12 C09C1/02 (Advanced/Invention); C04B28/02 (Advanced/Non-invention)

CPC: C04B28/10 C04B211/00112 C04B211/00379 C01P2004/61 C01P2006/80 C01P2006/82 C01F11/18 C04B2/06 C04B14/34 C04B14/386 C04B14/42 C04B16/06 C04B18/248 C04B18/26 C04B24/26 C04B32/02 B01D53/62 B01D2251/404 B01D2257/504 B01D2258/0233 C04B28/02 Y02C10/04 Y10S264/43 C04B16/0633 C04B11/00 C04B16/0641 Y02C10/00 Y02W30/97 C04B28/04 C04B14/28 Y02P40/18

European: C04B28/02

US: 1/1 106/15.05 106/18.11 106/18.26 106/286.6 106/286.600S 106/463 106/638 106/638S 106/640 106/640S 106/656 106/672 106/709 106/711 106/713 106/714 106/716 106/718 106/738 106/739 106/739S 106/761 106/772 106/805 106/815 106/815S 106/817 106/817S 264/333 264/43 264/DIG.43 422/129 422/129S 422/186 422/224 422/224S 423/430 524/4 524/5 524/8



Family:

Publication number	Publication date	Application number	Application date
AU2010337357 AA	20110707	AU20100337357	20100816
AU2010337357 BB	20131128	AU20100337357	20100816
CA2785143 AA	20120620	CA20102785143	20100816
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Priority:

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Probable Assignee: CALERA CORP

Assignee(s): (std): CONSTANTZ BRENT R ; CAMIRE CHRIS ; CHEN IRVIN ; CLODIC LAURENCE ; DEVENNEY MARTIN ; FARSAD KASRA ; GERAMITA KATHARINE ; OMELON SIDNEY ; HOLLAND TERENCE C ; PATTERSON JOSHUA ; FERNANDEZ MIGUEL ; HODSON KEITH ; GINDER VOGEL MATTHEW ; MONTEIRO PAULO J ; CALERA CORP ; STAGNARO JOHN ; YACCATO KARIN ; THATCHER RYAN ; RIES JUSTIN ; SELF KYLE ; MONTEIRO PAULO J M

Assignee(s): OMELON SIDNEY8 DON RIDGE DRIVEWILLOWDALE01M2P 1H4CA ; UNITED STATES DEPARTMENT OF ENERGY ; CALERA CORP100A ALBRIGHT WAYLOS GATOSCA95032US ; CALERA CORPORATIONJ ; MONTEIRO PAULO JM ; ENERGY UNITED STATES DEPARTMENT OF

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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
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