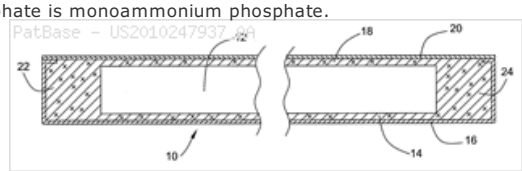
1) Family number: 46990000 (US2010247937A)

Title: CEMENTITIOUS ARTICLE AND METHOD FOR PREPARING THE SAME

Abstract: A cementitious article and a method of making a cementitious article are disclosed. The cementitious article comprises a cementitious component that comprises a polyvinyl acetate type polymer, a monobasic phosphate, and optionally boric acid. Cementitious articles, such as board, are prepared such that the polyvinyl acetate type polymer, the monobasic phosphate, and optionally boric acid can be present in the cementitious core, and/or in dense layers if present. The concentration of the polyvinyl acetate type polymer, monobasic phosphate, and optionally boric acid in the cementitious article can increase from a central region A to peripheral regions B and C, respectively. In some embodiments, the polyvinyl acetate type polymer is a polyvinyl alcohol and the monobasic phosphate is monoammonium phosphate.



Classifications:
International (IPC 8-9): B05D3/00 B05D3/02 B28B19/00 B32B27/00 B32B27/18 B32B9/04 C04B22/16 C04B24/26 C04B28/14
E04C2/00 (Advanced/Invention);
B05D3/00 B32B27/18 C04B24/00 (Core/Invention);
B28B19/00 C04B22/16 C04B24/26 (Core/Non-invention)
International (IPC 1-7): C04B28/00
CPC: Y10T428/31504 Y10T428/31855 C04B28/14 C04B2111/00482 C04B2111/0062 C04B2111/00672 C04B2111/60 Y02W30/92
European: C04B28/14 M04B111/00T10B M04B111/00T2 M04B111/00T6B M04B111/60
US: 427/331 427/331S 427/372.2 428/411.1 428/500 428/500P 524/5 524/5S

Family:

Publication number	Publication date	Application number	Application date
AR076168 AA	20110526	AR2010P101023	20100329
CA2757262 AA	20101014	CA20102757262	20100316
CA2757262 C	20190115	CA20102757262	20100316
MX2011009809 A1	20110930	MX20110009809	20100316
TW201036933 A	20101016	TW20100107679	20100316
US2010247937 AA	20100930	US20090415931	20090331
US8329308 BB	20121211	US20090415931	20090331
UY32539 A1	20100930	UY20100032539	20100405
WO10117563 A1	20101014	WO2010US27401	20100316

Priority:
US20090415931 20090331 WO2010US27401 20100316

Probable Assignee: UNITED STATES GYPSUM CO
Assignee(s): (std): LIU QINGXIA ; SHAKE MICHAEL P ; UNITED STATES GYPSUM CO ; YU QIANG
Assignee(s): UNITED STATES GYPSUM COMPANYUS ; UNITED STATES GYPSUM COMPANY
Inventor(s): (std): LIU QINGXIA ; QIANG YU ; QINGXIA LIU ; SHAKE MICHAEL P ; YU QIANG
Inventor(s): MICHAEL P SHAKE
Agent(s): MOFFAT AND CO; LEYDIG VOIT AND MAYER LTD; PHILIP T; DAVID F; HASAN SALIM 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 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

2) Family number: 42101102 (US2008190062A)

Title: WATER RESISTANT CEMENTITIOUS ARTICLE AND METHOD FOR PREPARING SAME

Abstract: A fibrous mat-faced cementitious article comprising (a) a cementitious core, and (b) a first fibrous mat comprising polymer or mineral fibers and a hydrophobic finish on at least one surface thereof, wherein the hydrophobic finish is in contact with the cementitious core, and a method of preparing a fibrous mat-faced cementitious article, as well as a method of preparing a water-resistant cementitious article comprising (a) preparing an aqueous siloxane dispersion, wherein the dispersion comprises about 4 weight percent to about 8 weight percent siloxane, (b) combining the siloxane dispersion with a cementitious mixture to provide a cementitious slurry, (c) depositing the cementitious slurry onto a substrate, and (d) allowing the cementitious slurry to harden, thereby providing a cementitious article.
Classifications:
International (IPC 8-9): B05D3/00 B05D7/24 B28B1/16 B28B1/30 B28B1/52 B28B19/00 B28C7/04 B29C65/00 B32B13/00 B32B13/04 B32B13/12 B32B13/14 B32B29/00 B32B37/00 B32B5/02 B32B5/24 B32B5/26 C04B14/42 C04B16/06 C04B22/16 C04B24/00 C04B24/08 C04B24/42 C04B28/02 C04B28/14 C04B28/34 C09D167/00 C09D171/02 C09D183/04 C09D191/06 C09D201/00 C09D5/02 C09D7/12 E04B1/64 E04B2/00 E04C2/04
E04C2/06 (Advanced/Invention);
B28B19/00 B32B13/00 C04B14/38 C04B16/00 C04B22/00 C04B24/00 C04B28/00 C09D167/00 C09D171/00 C09D183/04 C09D191/00 C09D201/00 C09D5/02 C09D7/12 E04B2/00
E04C2/04 (Core/Invention)
International (IPC 1-7): B28B19/00 B32B13/14 C04B24/42 E04C2/04
CPC: Y10T442/2164 E04C2/043 B32B13/14 C04B28/02 C04B28/14

C04B2111/00612 C04B2111/00629 C04B2111/27 Y02W30/92 Y10T428/249921
European: B32B13/14 C04B28/02 C04B28/14 E04C2/04C M04B111/00T6 M04B111/00T6B4 M04B111/27
US: 156/39 156/41 156/45 427/372.2 427/372.200S 428/221 428/221P 442/79 442/79S 52/408 52/408P
JP F-Term: 4F100 4F100/AC00/B 4F100/AC00/D 4F100/AC10/C 4F100/AE00/A 4F100/AG00/B 4F100/AG00/D 4F100/AH01/C 4F100/AH06/A 4F100/AH06/C 4F100/AK01/B 4F100/AK01/C 4F100/AK01/D 4F100/AK42/B 4F100/AK42/D 4F100/BA03 4F100/BA04 4F100/BA07 4F100/CA18/C 4F100/CC00/C 4F100/DG00/B 4F100/DG00/D 4F100/DG06/B 4F100/DG06/D 4F100/EA01/2 4F100/EJ08/2 4F100/EJ86/2 4F100/GB07 4F100/JB06/A 4F100/JB06/C 4F100/YY00/C 4G112 4G112/PB13 4G112/PB18 4G112/PB41 4J038 4J038/BA21/2 4J038/DD00/2 4J038/DF01/2 4J038/DL03/1 4J038/HA41/6 4J038/HA42/6 4J038/HA48/6 4J038/HA53/6 4J038/JA37 4J038/JA38 4J038/KA08 4J038/KA19 4J038/KA20 4J038/MA10 4J038/NA11 4J038/NA12 4J038/PB05 4J038/PC03 4J038/PC04 4D075 4D075/BB26/Z 4D075/CA36 4D075/CA38 4D075/DB13 4D075/DB20 4D075/DB48 4D075/DC03 4D075/EA06 4D075/EA10 4D075/EA41 4D075/EB03 4D075/EB43 4D075/EB56 4D075/EC13 4D075/EC30 4D075/EC35 4D075/EC53 4G052 4G052/AB23 4G052/AB30 4G052/DA01 4G052/DA08 4G052/DB16 4G056 4G056/AA06 4G056/AA23 4G056/CB25 4F100/AA04/A 4F100/AC00/C 4F100/AC10/B 4F100/AE01/A 4F100/AH06/B 4F100/AJ11/B 4F100/AK41/B 4F100/AK54/B 4F100/AP03 4F100/BA02 4F100/BA10/B 4F100/BA10/C 4F100/CA00/A 4F100/CA18/B 4F100/CC00/B 4F100/DG01/B 4F100/DG01/C 4F100/DG06/A 4F100/DG06/C 4F100/JA20/B 4F100/JB06/B 4F100/JB07 4F100/YY00/B
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PatBase - NZ578554_A

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Family:

Publication number	Publication date	Application number	Application date
AR066224 AA	20090805	AR2008P101659	20080421
AU2008216467 AA	20080821	AU20080216467	20080207
AU2008216467 BB	20130131	AU20080216467	20080207
AU2012227149 AA	20121004	AU20120227149	20120917
AU2012227149 BB	20150312	AU20120227149	20120917
AU2013100435 AD	20130502	AU20130100435	20130404
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CA2676994 AA	20090730	CA20082676994	20080207
CA2676994 C	20151229	CA20082676994	20080207
CL2008001145 A1	20081107	CL20080001145	20080421
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CN102991013 B	20160824	CN201210355504	20080207
CO6231015 A2	20101220	CO20090083566	20090811
DE602008021859 D1	20130321	DE200860021859T	20080207
EP2117828 A2	20091118	EP20080729280	20080207
EP2117828 B1	20130123	EP20080729280	20080207
EP2508340 A1	20121010	EP20120004264	20080207
JP2010517827 T2	20100527	JP20090549237T	20080207
JP2013107404 A2	20130606	JP20130049720	20130312
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MX2009008637 A1	20090820	MX20090008637	20080207
NZ578554 A	20120112	NZ20080578554	20080207
NZ597323 A	20130628	NZ20080597323	20080207
RU146857 U1	20141020	RU20130122724U	20080207
RU2009134228 A	20110320	RU20090134228	20080207
RU2493011 C2	20130920	RU20090134228	20080207
RU2525420 C1	20140810	RU20130121418	20130513
TW200900234 A	20090101	TW20080104780	20080212
US2008190062 AA	20080814	US20070738316	20070420
US2012040168 AA	20120216	US20110283672	20111028
US8070895 BB	20111206	US20070738316	20070420
US8568544 BB	20131029	US20110283672	20111028
WO08100777 A2	20080821	WO2008US53304	20080207
WO08100777 A3	20081113	WO2008US53304	20080207

Priority:

US20070889487P	20070212	US20070738316	20070420	AU20080216467	20080207
EP20080729280	20080207	JP20090549237	20080207	CN200880004796	20080207
WO2008US53304	20080207	JP20130049721	20080207	JP20090549237T	20080207
US20110283672	20111028	AU20120227149	20120917	AU20130100435	20130404

Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std): BOLIND MICHAEL L ; BURY RAFAEL ; ENGBRECHT DICK C ; JUNAJTED STEHJTS DZHIPSUM KOMPANI ; JUNAJTID STEJTS DZHIPSEHM KAMPENI ; LIU QINGXIA ; MILLER DAVID PAUL ; UNITED STATES GYPSUM CO ; REED PAUL ; WANG XUMING ; SHAKE MICHAEL P ; ROELFS DONALD L ; USG CORP

Assignee(s): UNITED STATES GYPSUM CO CHICAGO ; UNITED STATES GYPSUM COMPANY

Inventor(s): (std): ENGBRECHT DICK C ; BURY RAFAEL ; DICK C ENGBRECHT ; DAVID PAUL MILLER ; BJURI RAFAEHL ;

BOLIND MICHAEL ; BOLIND MICHAEL L ; BOULIN MAJKL L ; BOULIND MAJKL L ; MILLER DAVID PAUL ; LIU QINGXIA ; INGBREKHT DISK K ; LJU TSINSJA ; MILLER DEHVID POL ; MICHAEL L BOLIND PAUL REED DONALD L ROELFS ; REED PAUL ; WANG XUMING ; SHAKE MICHAEL P ; ROELFS DONALD L ; PAUL MILLER DAVID ; PAUL REED ; QINGXIA LIU ; XUMING WANG ; RAFAEL BURY ; WANG XU MING ; RID POL ; SHEJK MAJKL P ; ROLFS DONAL D L ; MILLER DEVID POL ; VAN SJUJMIN ; ROELFS DONAL D L ; UANG KSJUMING ; MICHAEL P SHAKE ; LIU YONGGE

Inventor(s): REED PAUL KANKAKEE ; ROELFS DONALD L WEST BURLINGTON ; SHAKE MICHAEL P JOHNSBURG ; WANG XUMINGDEPT OF METALLURGICAL ENGINEERING SALT LAKE CITY ; MICHAEL PSHAKE ; MICHAEL LBOLIND PAUL REED DONALD LROELFS ; ENGBRECHT DICK C ARLINGTON HEIGHTS ; LIU QINGXIA VERNON HILLS ; MILLER DAVID PAUL LINDENHURST ; MILLER DAVID PAUL AND ; MICHAEL L BOLIND ; BOLIND MICHAEL L INGLESIDE ; DONALD L ROELFS ; DICK CENGBRECHT ; BURY RAFAEL WHEELING

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS; JAMES AND WELLS INTELLECTUAL PROPERTY; MCCARTHY TETRAULT LLP; MOFFAT AND CO; ALESSANDRI; DANILO ROMERO RAAD; MARKS AND CLERK LUXEMBOURG LLP; PFENNING MEINIG AND PARTNER GBR; SCHUETTE HARTMUT; LEYDIG VOIT AND MAYER LTD; PHILIP T; DAVID F; PRADIP K; HASAN SALIM A ET AL

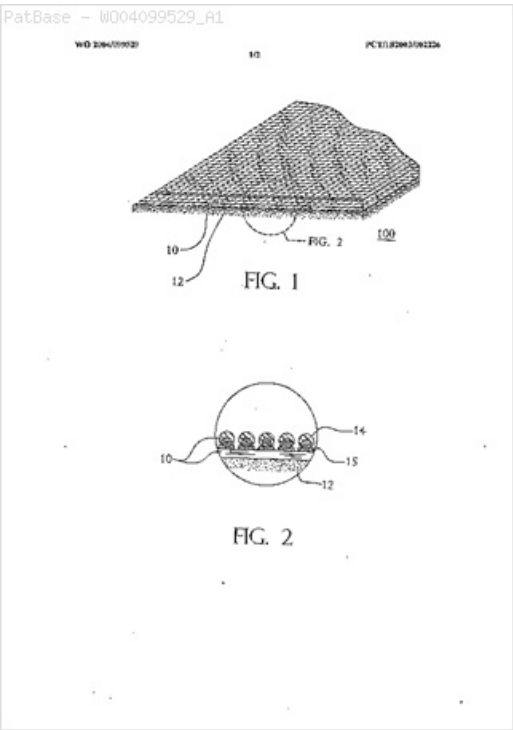
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ 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 ZA ZM ZW

3) Family number: 31349109 (WO04099529A1) © PatBase

Title: DRYWALL TAPE AND JOINT

Abstract: Drywall tapes, drywall joints and methods for their construction are provided by his invention. The drywall tape of this invention includes a web of glass fibers (10) and a coating (14) disposed over a portion of the glass fibers. The fibers (10) and a coating (14) disposed over a portion of the glass fibers: The coating includes a resinous binder which is at least partially soluble or dispersible in joint compound. The resinous binder is capable of formingan adhesive bon with the joint compound when set.

Classifications:
International (IPC 8-9): B32B17/04 C09J125/06 C09J129/04 C09J131/04 C09J191/06 C09J7/02 C09J7/04 D06N3/00 D06N7/00 E04F13/04 E04F13/07 (Advanced/Invention);
C09J131/00 C09J191/00 C09J7/02 D06N3/00 D06N7/00 E04F13/02 E04F13/07 (Core/Invention)
International (IPC 1-7): B32B17/04 C09J125/06 C09J129/04 C09J131/04 C09J7/02 C09J7/04 E04F13/04
CPC: D06N2205/023 D06N3/0022 E04F13/04 C09J7/22 E04F13/042
European: C09J7/02K9 D06N3/00B8E D06N7/00 E04F13/04 E04F13/04A
JP F-Term: 2E110
JP F-Index: E04F13/00/G E04F13/07/G



Family:

Publication number	Publication date	Application number	Application date
AU2003232993 AA	20041126	AU20030232993	20030506
AU2003232993 AH	20041126	AU20030232993	20030506
BRPI0318297 A	20060711	BR2003PI18297	20030506
CA2427514 AA	20041101	CA20032427514	20030501
CA2525971 AA	20051104	CA20032525971	20030506
CA2525971 C	20081118	CA20032525971	20030506
CN1788130 A	20060614	CN20038026579	20030506
EP1620613 A1	20060201	EP20030727793	20030506
JP2007516366 T2	20070621	JP20040571534T	20030506
WO04099529 A1	20041118	WO2003IB02226	20030506

Priority:

CA20032427514 20030501 WO2003IB02226 20030506

Probable Assignee: SAINT GOBAIN TECHNICAL FABRICS

Assignee(s): (std): CERTAIN TEED CORP ; SAINT GOBAIN TECHNICAL FABRICS

Assignee(s): SAINT GOBAIN TECHNICAL FABRICS CANADA LTD ; CERTAINTEED CORP ; NEWTON MARK JOSEPH ; ROBERTS DAVID GERAINT ; SAINT GOBAIN ADFORS CANADA LTD

Inventor(s): (std): GERAINT NEWTON MARK JOSEPH ROB ; NEWTON MARK JOSEPH ; ROBERTS DAVID GERAINT

Inventor(s): DAVID GERAINT ROBERTS ; NEWTON MARK JOSEPH ROBERTS DAVID GERAINT ; MARK JOSEPH NEWTON

Agent(s): FISHER ADAMS KELLY; FISHER ADAMS KELLY PTY LTD; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; BERESKIN AND PARR; BERESKIN AND PARR LLP; GOWLING LAFLEUR HENDERSON LLP

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 NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

4) Family number: 62538197 (WO16086071A8) © PatBase

Title: SPECTRALLY ENCODED CONSUMABLE SPECTROMETER APPARATUS AND METHODS

Abstract: A sample holder comprises a spectral encoding material to encode a measurement signal of the sample with a spectral identification signal. The spectral encoding material has the advantage of providing an encoded signal with the measurement signal, which can help to ensure that the sample is appropriately identified. The sample holder may comprise one or more of a support, a container, a waveguide, or a substrate. The spectral encoding material may comprise a spectrally encoding solution, spectrally encoding particles, or one or more spectrally encoding layers of material. The spectral encoding material may comprise a calibration material, such as a polymer.

Classifications:
International (IPC 8-9): G01N21/00 G01N33/483 G01N33/49 (Advanced/Invention)
CPC: G01N21/552 G01N35/00732 G06K7/10544 G01J3/0275 G01N33/483

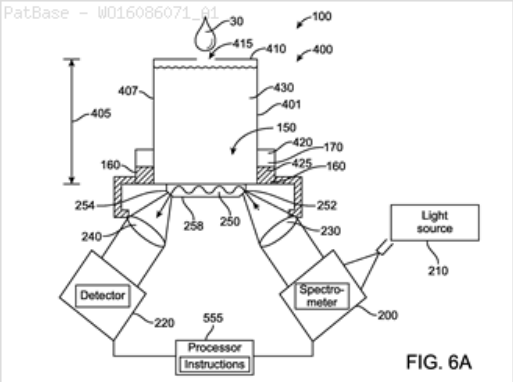


FIG. 6A

Family:

Publication number	Publication date	Application number	Application date
WO16086071 A1	20160602	WO2015US62539	20151124
WO16086071 A8	20160721	WO2015US62539	20151124

Priority:
US20140083650P 20141124

Probable Assignee: NUEOU INC

Assignee(s): (std): NUEON INC ; NUEOU INC

Inventor(s): (std): JONES HOWLAND ; MESSERSCHMIDT BOB

Agent(s): SHIMMICK JOHN ET AL

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

5) Family number: 62109213 (US2016102018A) © PatBase

Title: COMPOSITIONS, PANELS AND SHEETS COMPRISING MINERAL FILLERS AND METHODS TO PRODUCE THE SAME

Abstract: There are provided gypsum panels, sheets and multi-layer sheets as well as methods of preparation thereof. For example, there are provided cellulose filament-reinforced gypsum panels, sheets and multi-layer sheets and methods of preparation thereof. For example, in such gypsum panels, sheets and multi-layer sheets gypsum is bound with cellulose filaments to strengthen the gypsum panels, sheets and multi-layer sheets. The cellulose filament-reinforced gypsum panel can be, for example, a core comprising a honeycomb or corrugated structure. There are also provided aqueous suspensions comprising cellulose filaments and CaSO4.2H2O.

Classifications:
International (IPC 8-9): B32B13/02 B32B13/04 B32B29/00 B32B29/08 B32B3/12 B32B3/28 B32B37/00 C04B11/00 C04B16/02 C04B16/12 C04B28/14 E04C2/26 (Advanced/Invention); C04B111/00 (Advanced/Non-invention)
International (IPC 1-7): B32B13/02 B32B3/12 C04B11/00 C04B16/02 C04B28/14 E04C2/26
CPC: C04B16/02 B32B13/04 B32B13/02 B32B2307/72 B32B2307/718 B28B17/023 B32B29/005 B32B29/08 B32B2250/26 B32B2250/40 C04B16/12 B28B1/526 B28B7/46 C04B14/185 C04B18/24 C04B38/10 C04B24/28 B32B3/12 B32B3/28 B32B2262/062 B32B2307/54 B32B2307/546 B32B2607/00 C04B28/14 C04B2111/0062 Y02W30/97
US: 106/204.01 428/116 428/182 428/219 428/220 428/534

PatBase - US2016102018_AA

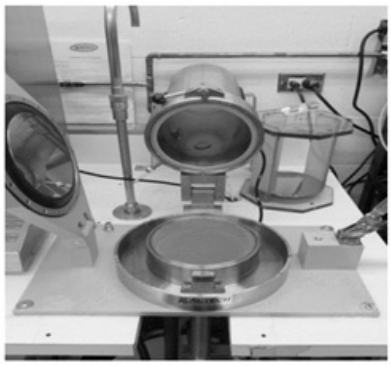


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
BR112017007255 A2	20180116	BR20171107255	20151006
CA2962292 AA	20170323	CA20152962292	20151006
CA2962292 C	20190205	CA20152962292	20151006
CN106795055 A	20170531	CN201580054836	20151006
EP3204342 A1	20170816	EP20150849413	20151006
EP3204342 A4	20180314	EP20150849413	20151006
US2016102018 AA	20160414	US20150876244	20151006
US10011528 BB	20180703	US20150876244	20151006
WO16054735 A1	20160414	WO2015CA51010	20151006

Priority:

US20140062614P 20141010 US20150876244 20151006 WO2015CA51010 20151006

Probable Assignee: FPINNOVATIONS

Assignee(s): (std): FP INNOVATIONS ; FPINNOVATIONS

Assignee(s): WANG XIAOYU ; AN QIAOZHI ; BEN YUXIA ; DORRIS ANNIE ; DORRIS GILLES

Inventor(s): (std): BEN YUXIA ; DORRIS GILLES ; AN QIAOZHI ; DORRIS ANNIE ; WANG XIAOYU ; GILLES DORRIS ; YUXIA BEN ; QIAOZHI AN ; ANNIE DORRIS ; XIAOYU WANG

Agent(s): BERESKIN AND PARR LLP SENCRL SRL; MITCHELL SIMON JAMES

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

6) Family number: 59140258 (US2015125683A) © PatBase

Title: GYPSUM PRODUCTS COMPRISING SILICA GEL

Abstract: A gypsum composition, board, and method of producing a gypsum board with increased fire endurance are described. The set gypsum-containing composition can be used to prepare a gypsum board having fire endurance, based on the inclusion of silica gel.

Classifications:
International (IPC 8-9): B28B1/30 B32B13/04 C04B C04B14/04 C04B22/08 C04B28/14 C04B41/50 C09K21/02 E04B E04B1/78 E04B1/94 E04C2/04 E04C2/26 E04C2/34 (Advanced/Invention); C04B111/00 C04B111/28 (Advanced/Non-invention); C04B28/14 (Core/Invention)
CPC: B32B13/04 E04C2/043 E04C2/34 C04B28/14 C04B2111/0062 C04B2111/28 C04B41/5024 E04B1/942 E04C2/26 B32B2307/3065
US: 156/39 428/219
JP F-Term: 4G052 4G052/DA01 4G052/DA08 4G052/DB14 4G052/DC05 4G112 4G112/MB02 4G112/PA03
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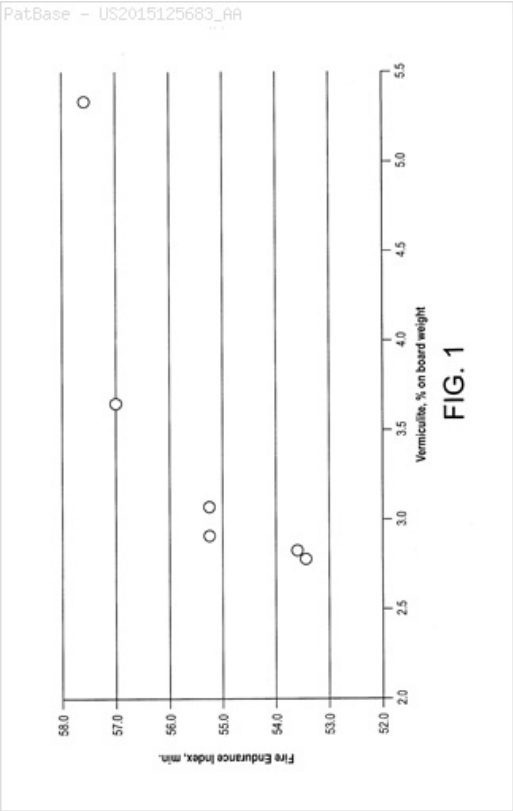

Family:

Publication number	Publication date	Application number	Application date
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AU2014347042 AA	20160602	AU20140347042	20141104
BR112016009173 A2	20170801	BR20161109173	20141104
CA2928938 AA	20160427	CA20142928938	20141104
CL2016000967 A1	20161202	CL20160000967	20160422
CN105658600 A	20160608	CN201480058024	20141104
CO16133596 A2	20160930	CO20160133596	20160520
EP3066061 A1	20160914	EP20140796383	20141104
ID201709149 A	20170825	ID2016P0003332	20141104
IN201617016193 A	20160831	IN201617016193	20160509
JP2016540714 T2	20161228	JP20160525499T	20141104
KR20160083009 A	20160711	KR20167012800	20141104
MX2016005123 A1	20160803	MX20160005123	20141104
PE06362016 A1	20160623	PE20160000523	20141104
RU2016119381 A	20171123	RU20160119381	20141104
TH168455 A	20170928	TH20161002255	20141104
TW201518074 A	20150516	TW20140137910	20141031
US2015125683 AA	20150507	US20130072592	20131105
WO15069609 A1	20150514	WO2014US63774	20141104
ZA201603223 A	20180228	ZA20160003223	20160512

Priority:

US20130072592 20131105 WO2014US63774 20141104

Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std)**:** UNITED STATES GYPSUM CO

Assignee(s): CAO BANGJI ; LI ALFRED ; SONG WEIXIN D

Inventor(s): (std)**:** ALFRED LI ; BANGJI CAO ; CAO BANGJI ; LI ALFRED ; LI ALFRED C ; SONG WEIXIN D ; SONG WEIXIN DAVID ; WEIXIN D SONG ; WEIXIN SONG

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; JAMES AND WELLS INTELLECTUAL PROPERTY; MOFFAT AND CO; JOHANSSON AND LANGLOIS LTDA; DANILO ROMERO RAAD; BSB INTELLECTUAL PROPERTY LAW; BUDI RAHMAT SH; HASAN SALIM ET AL

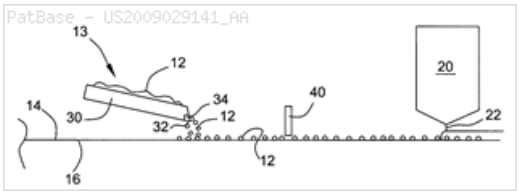
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW 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

7) Family number: 42859269 (US2009029141A) © PatBase

Title: MAT-FACED GYPSUM BOARD AND METHOD OF MAKING THEREOF

Abstract: A mat-faced gypsum board and method of making thereof is provided having a particulate matter applied on an inner surface of the facer mat and extending partially into the mat from the inner surface thereof. The particulate matter, which is preferably a hydratable powder such as calcium sulfate hemihydrate, minimizes and, preferably, prevents bleed through of a gypsum slurry during formation of the gypsum board.

Classifications:
International (IPC 8-9): B28B B28B1/16 B28B1/30 B28B1/50 B28B1/52 B32B B32B13/14 E04B1/02 E04C E04C2/04 E04C2/26 (Advanced/Invention);
B28B1/30 B28B1/50 B32B13/00 E04C2/26 (Core/Invention)
International (IPC 1-7): B28B1/30 B28B19/00 B32B13/14 C04B28/14 E04B1/02 E04C2/04
CPC: Y10T428/249928 Y10T428/249932 E04C2/043 B28B19/0092 B28B23/0006 C04B28/14 C04B2111/0062
European: B28B19/00K C04B28/14 E04C2/04C L28B23/00A M04B111/00T6B
US: 156/44 156/44S 428/293.4 428/293.400P 428/294.7 428/294.700S
JP F-Term: 4G052 4G052/AB04 4G052/AB42 4G052/DB16
JP F-Index: B28B1/16 B28B1/30/101



Family:

Publication number	Publication date	Application number	Application date
AR074132 AA	20101229	AR2008P103181	20080722
BRPI0814637 A2	20150616	BR2008PI14637	20080722
CA2694182 AA	20090129	CA20082694182	20080722
CL2008002160 A1	20090320	CL20080002160	20080723
CN101778703 A	20100714	CN200880025579	20080722
CN101778703 B	20120718	CN200880025579	20080722
CO6170346 A2	20100618	CO20100003239	20100114
EP2173527 A2	20100414	EP20080782216	20080722
HK1146013 A1	20110513	HK20100112295	20101231
IN00234CN2010 A	20100716	IN2010CN00234	20100112
JP2010534577 T2	20101111	JP20100518336T	20080722
RU2010101660 A	20110827	RU20100101660	20080722
TW200914230 A	20090401	TW20080127748	20080722
US2009029141 AA	20090129	US20080176200	20080718
WO09015156 A2	20090129	WO2008US70787	20080722
WO09015156 A3	20090409	WO2008US70787	20080722

Priority:
US20070951400P 20070723 US20080176200 20080718 WO2008US70787 20080722

Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std): ENGBRECHT DICK C ; FEDORIS JOSEPH J ; IMMORDINO SALVATORE C ; LIU QINGXIA ; NELSON CHRISTOPHER R ; ROELFS DONALD L ; ROHRBAUGH WAYNE J ; SHAKE MICHAEL P ; UNITED STATES GYPSUM CO

Assignee(s): UNITED STATES GYPSUM COMPANY

Inventor(s): (std): ENGBRECHT DICK C ; FEDORIS JOSEPH J ; IMMORDINO SALVATORE C ; LIU QINGXIA ; NELSON CHRISTOPHER R ; ROHRBAUGH WAYNE J ; SHAKE MICHAEL P ; ROELFS DONALD L ; QINGXIA LIU ; IMMORDINO JR SALVAROTE C ; IMMORDINO SALVATORE C JR

Inventor(s): JOSEPH J FEDORIS ; JR SALVAROTE C IMMORDINO ; CHRISTOPHER R NELSON ; DICK C ENGBRECHT ; MICHAEL P SHAKE ; SALVATORE C IMMORDINO JR ; WAYNE J ROHRBAUGH ; SALVATORE C IMMORDINO ; QUINGXIA LIU ; WAYN ; NELSON CHRISTOPHER ; ROHRBAUGH WAYNE ; ROELFS DONALD ; SHAKE MICHAEL ; IMMORDINO SALVATORE ; ENGBRECHT DICK ; FEDORIS JOSEPH ; DONALD L ROELFS

Agent(s): CLARKE; DANILO ROMERO RAAD; OXLEY ROBIN JOHN GEORGE; GE BO; LEYDIG VOIT AND MAYER LTD; HASAN SALIM A ET AL

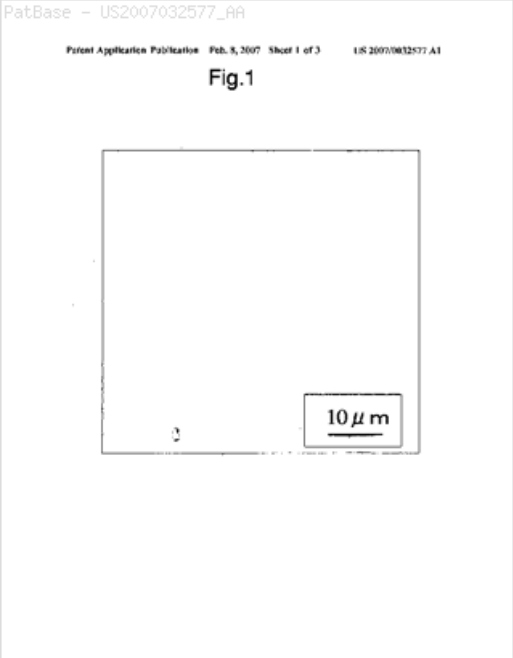
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ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

8) Family number: 31056322 (US2007032577A) © PatBase

Title: POLYLACTIC ACID RESIN COMPOSITION, PROCESS FOR PRODUCING THE SAME, BIAXIALLY STRETCHED POLYLACTIC ACID FILM, AND MOLDED ARTICLES THEREOF

Abstract: The invention provides a resin composition containing poly(lactic acid) and a cellulosic ester, which are biomass type materials; a resin composition excellent in transparency, mechanical properties, and thermostability; a biaxially drawn film containing poly(lactic acid) and at least one compound selected from cellulosic esters, poly(meth)acrylates, and polyvinyl compounds having a glass transition temperature of 60 degrees centigrade or higher; and a biaxially drawn film excellent in transparency, mechanical properties, and thermostability. The aims of the invention can be achieved by a resin composition obtained by melt-kneading a poly(lactic acid) polymer with a weight average molecular weight of 50,000 or higher and a cellulosic ester; a resin composition excellent in transparency and having luminous transmittance of 40 percent or higher for visible light with 400 nm; its production method; a molded article and a film made of the resin composition; a poly(lactic acid) biaxially drawn film containing a poly(lactic acid) polymer with a weight average molecular weight of 50,000 or higher and at least one compound selected from cellulosic esters, poly(meth)acrylates, and polyvinyl compounds having a glass transition temperature of 60 degrees centigrade or higher; a poly(lactic acid) biaxially drawn film excellent in transparency and having film haze of 10 percent or lower; and a molded article made of the film.
Classifications:
International (IPC 8-9): B29C55/12 C08J5/18 C08L1/08 C08L1/10 C08L25/00 C08L33/00 C08L33/06 C08L57/00 C08L67/04 C09D101/18 (Advanced/Invention);
C08L1/10 C08L101/16 C08L25/18 C08L33/08 C08L33/10 (Advanced/Non-invention);
C08J5/18 C08L67/00 C09D101/00 (Core/Invention);
C08L1/00 C08L25/00 C08L33/00 (Core/Non-invention)
International (IPC 1-7): C08J5/18 C08L1/10 C08L33/06 C08L57/00 C08L67/04
CPC: C08L33/08 C08L67/04 C08J5/18 C08J2367/04 C08L1/10 C08L25/18 C08L33/10
European: C08J5/18 C08L67/04 M08J367/04 M08L1/10 M08L25/18 M08L33/08 M08L33/10
US: 524/31 524/31P 524/556 524/556S

JP F-Term: 4F071 4F071/AA09 4F071/AA22 4F071/AA33 4F071/AA43 4F071/AF11/Y 4F071/AF30/Y 4F071/AH04 4F071/AH05 4F071/BB08 4F071/BC01 4F071/BC10 4F071/BC17 4F210 4F210/AA01 4F210/AA24/A 4F210/AG01 4F210/AH54 4F210/QC06 4F210/QG01 4F210/QW05 4J002 4J002/AB02/X 4J002/BC03/X 4J002/BC12/X 4J002/BG06/X 4J002/BG07/X 4J002/CF18/W 4J002/EC07/6 4J002/EZ00/6 4J002/FD20/6 4J002/GG01 4J002/GG02 4J200 4J200/AA04 4J200/AA06 4J200/AA27 4J200/BA05 4J200/BA07 4J200/BA14 4J200/BA38 4J200/CA01 4J200/CA06 4J200/DA00 4J200/DA16 4J200/DA17 4J200/DA24 4J200/DA28 4J200/EA04 4J200/EA05 4J200/EA07
JP F-Index: B29C55/12 B29K67:00 C08J5/18 C08L1/08 C08L101/16 C08L25/00 C08L33/00 C08L67/04
JP Facet: ZBP



Family:

Publication number	Publication date	Application number	Application date
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CN1768115 A	20060503	CN200480008517	20040210
CN1768115 B	20100623	CN200480008517	20040210
DE602004029339 D1	20101111	DE200460029339T	20040210
EP1609819 A1	20051228	EP20040709702	20040210
EP1609819 A4	20060412	EP20040709702	20040210
EP1609819 B1	20100929	EP20040709702	20040210
JP2004087812 A1	20060629	JP20050504137T	20040210
JP4600278 B1	20101215	JP20050504137T	20040210
JP4600278 B2	20101215	JP20050504137T	20040210
KR101045446 B1	20110630	KR20057018208	20050927
KR20050120675 A	20051222	KR20057018208	20040210
US2007032577 AA	20070208	US20050550666	20050926
US7718718 BB	20100518	US20050550666	20050926
WO04087812 A1	20041014	WO2004JP01390	20040210

Priority:

JP20030090085 20030328 WO2004JP01390 20040210

Probable Assignee: TORAY IND INC

Assignee(s): (std): KANZAWA TAKESHI ; KOBAYASHI SADAYUKI ; KUMAKI JIRO ; SAKIDA FUMIE ; TORAY IND ; YOSHIDA MINORU ; TORAY INDUSTRIES

Assignee(s): TORAY INDUSTRIES INC ; TORAY IND INC ; KUMAKI JIRO KANZAWA TAKESHI SAKIDA FUMIE

Inventor(s): (std): FUMIE SAKIDA ; JIRO KANZAWA TAKESHI KOBAYASHI ; JIRO KUMAKI ; KANZAWA TAKESHI ; KUMAKI JIRO ; SAKIDA FUMIE ; TAKESHI KANZAWA ; YOSHIDA MINORU ; SADAYUKI KOBAYASHI ; MINORU YOSHIDA ; KOBAYASHI SADAYUKI

Inventor(s): KOBAYASHI SAKAYUKI ; KANZAWA TAKESHI KOBAYASHI SADAYUKI YOSHIDA ; KANZAWA TAKESHI KOBAYASHI SADAYUKI YOSHIDA MINORU

Agent(s): OSER ANDREAS; IP GROUP OF DLA PIPER US LLP; DLA PIPER LLP (US); DLA PIPER LLP

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

9) Family number: 42047335 (US2008176469A)

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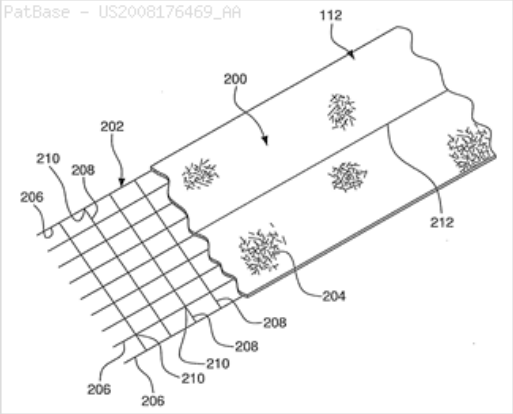
Title: DRYWALL TAPE AND DRYWALL JOINT

Abstract: The invention pertains to a drywall tape having a nonwoven fabric and a reinforcing scrim, wherein the nonwoven fabric has chopped glass fibers laid flat in the nonwoven fabric, the fibers being substantially straight, random laid and bonded to one another to resist forces exerted in random directions, and the reinforcement scrim has elongated reinforcing strands of low profile thickness joined against a side of the nonwoven fabric, such that the scrim and the nonwoven fabric reinforce each other, and reinforce a joint compound in which the drywall tape is imbedded.

Classifications:
International (IPC 8-9): B32B5/12 B32B5/26 D03D9/00
E04F13/04 (Advanced/Invention);
B32B5/12 (Core/Invention)
CPC: B32B5/26 E04F13/04 E04F13/042 E04F13/047 Y10T442/133 Y10T442/143 Y10T442/148 Y10T442/172 Y10T442/191 Y10T442/197 Y10T442/198 Y10T442/611
European: B32B5/26 E04F13/04 E04F13/04C
US: 156/44 156/44S 442/20 442/26 442/29 442/337 442/43 442/54 442/57 442/58 442/58P 52/272



Family:

Publication number	Publication date	Application number	Application date
US2008176469 AA	20080724	US20070624393	20070118
US8828892 BB	20140909	US20070624393	20070118

Priority:

US20070624393 20070118

Probable Assignee: CERTAINTEED CORP

Assignee(s): (std): DONG JEFFREY J ; MORRIS GARRY WILLIAM ; ROBERTS D GERAINT ; SAINT GOBAIN ADFORS CANADA LTD ; STEVENS GLENN

Assignee(s): SAINT GOBAIN TECHNICAL FABRICS AMERICA ; CERTAINTEED CORP ; SAINT GOBAIN ADFORS AMERICA INC

Inventor(s): (std): DONG JEFFREY J ; MORRIS GARRY WILLIAM ; ROBERTS D GERAINT ; STEVENS GLENN

Agent(s): DUANE MORRIS LLP IP DEPARTMENT; ROBERT N; ABEL LAW GROUP LLP

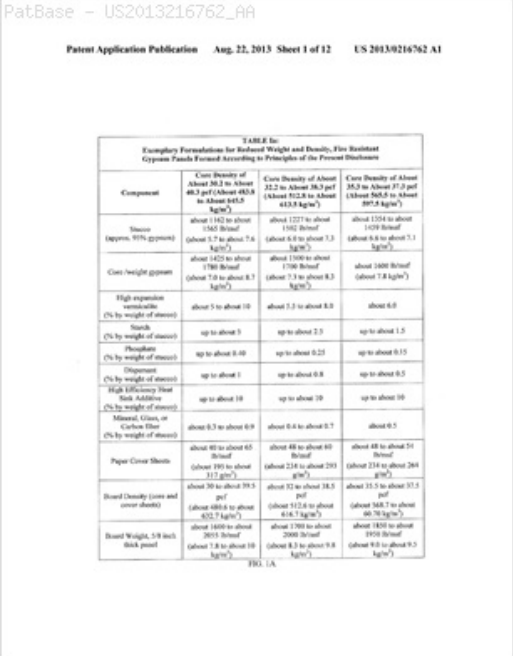
10) Family number: 54589373 (US2013216762A)

© PatBase

Title: GYPSUM PRODUCTS WITH HIGH EFFICIENCY HEAT SINK ADDITIVES

Abstract: Disclosed herein are gypsum products with at least one high efficiency heat sink additive. The gypsum products, e.g., gypsum panels, are less susceptible to the damaging effects of extreme heat as the temperature rises due to the presence of the at least one additive.

Classifications:
International (IPC 8-9): B32B13/04 B32B13/08 C04B22/06 C04B28/14 E04B1/94 E04C2/04 (Advanced/Invention); C04B22/06 (Core/Invention)
CPC: B32B13/04 C04B2111/0062 C04B2111/28 D21H21/16 D21H21/34 Y10T428/232 C04B28/14 C04B28/147 E04C2/043
US: 428/70
JP F-Term: 2E001 2E001/DE01 2E001/FA03 2E001/FA11 2E001/FA14 2E001/GA12 2E001/GA24 2E001/HA03 2E001/HB04 2E001/HC07 2E001/HE10 4F100 4F100/AA19/B 4F100/AA19/C 4F100/AE06/A 4F100/BA02 4F100/BA03 4F100/BA04 4F100/BA05 4F100/BA06 4F100/BA07 4F100/BA10/B 4F100/BA10/C 4F100/DG02/B 4F100/DG02/C 4F100/DG10/B 4F100/DG10/C 4F100/GB07 4F100/JG04/D 4F100/JJ02/B 4F100/JJ02/C 4F100/JJ07 4F100/YY00/B 4F100/YY00/C 4G112 4G112/PA14
JP F-Index: B32B13/08 C04B22/06/Z C04B28/14 E04B1/94/W



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BR112014019860 A2	20170620	BR20141119860	20130213
BR112014019860 A8	20170711	BR20141119860	20130213
CA2863577 AA	20140731	CA20132863577	20130213
CN104114512 A	20141022	CN201380008520	20130213
CN104114512 B	20170926	CN201380008520	20130213
EP2814786 A1	20141224	EP20130706849	20130213
ID201601020 A	20160311	ID2014P0005251	20130213
IN07368DN2014 A	20150424	IN2014DN07368	20140902

JP2015514602 T2	20150521	JP20140557731T	20130213
KR20140129083 A	20141106	KR20147024632	20130213
MX2014009534 A1	20141013	MX20140009534	20130213
NZ630185 A	20160226	NZ20130630185	20130213
RU2014135297 A	20160410	RU20140135297	20130213
RU2628347 C2	20170816	RU20140135297	20130213
TH147625 A	20160304	TH20141004497	20130213
UA115550 C2	20171127	UA20140009842	20130213
US2013216762 AA	20130822	US20130766181	20130213
WO13122974 A1	20130822	WO2013US25812	20130213

Priority:

US20120600574P 20120217 US20130766181 20130213 WO2013US25812 20130213

Probable Assignee: RESEARCH IN MOTION LTD

Assignee(s): (std): UNITED STATES GYPSUM CO

Assignee(s): UNITED STATES GYPSUM CO550 WEST ADAMS STREETCHICAGOIL60661US ; YU QIANG ; SONG WEIXIN D ; VEERAMASUNENI SRINIVAS ; CAO BANGJI ; CHAN CESAR ; RESEARCH IN MOTION LTD ; ROSENTHAL GUY

Inventor(s): (std): YU QIANG ; VEERAMASUNENI SRINIVAS ; SONG WEIXIN D ; ROSENTHAL GUY ; CHAN CESAR ; CAO BANGJI

Inventor(s): BANGJI CAO ; CESAR CHAN ; CAO BANGJIUS ; QIANG YU ; GUY ROSENTHAL ; CHAN CESARUS ; ROSENTHAL GUYUS ; SRINIVAS VEERAMASUNENI ; SONG WEIXIN DUS ; WEIXIN D SONG ; VEERAMASUNENI SRINIVASUS ; WEIXIN DAVID SONG ; YU QIANGUS

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; JAMES AND WELLS INTELLECTUAL PROPERTY; MOFFAT AND CO; BSB INTELLECTUAL PROPERTY LAW; BUDI RAHMAT; HASAN SALIM ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE 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 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

11) Family number: 51740411 (US2012207989A)

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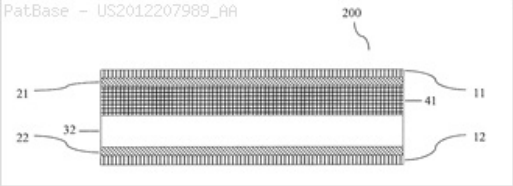
Title: MULTILAYERED CORE BOARD WITH ENHANCED NAIL-PULL STRENGTH

Abstract: Disclosed herein are multilayered core cementitious boards with increased nail-pull resistance. The boards can comprise two or more layers of cementitious compositions, where each layer can be a different density. Methods of making the multilayered core boards are also disclosed. The methods include having a layer of cementitious composition partially set prior to applying the next layer.

Classifications:
International (IPC 8-9): B05D1/38 B32B38/00 B32B7/02 (Advanced/Invention)
CPC: B32B7/02 B32B13/08 B32B13/14 B32B2250/40 B32B2607/00 E04C2/043 Y10T428/2495 Y10T428/24992
European: E04C2/04C
US: 156/39 156/39S 427/372.2 427/372.200S 427/379 427/379S 428/213 428/213P 428/218 428/218S



Family:

Publication number	Publication date	Application number	Application date
US2012207989 AA	20120816	US20110335396	20111222

Priority:

US20100426363P 20101222 US20110335396 20111222

Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std): UNITED STATES GYPSUM CO ; WEINBERGER RENEE ; XU YUFENG

Assignee(s): UNITED STATES GYPSUM COMPANY

Inventor(s): (std): XU YUFENG ; WEINBERGER RENEE

12) Family number: 72662492 (US2019003176A)

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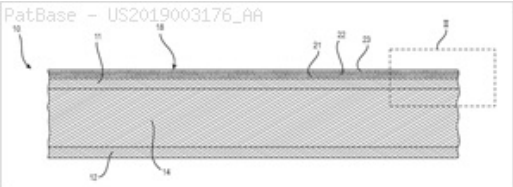
Title: EXTERIOR CEMENTITIOUS PANEL WITH MULTI-LAYER AIR/WATER BARRIER MEMBRANE ASSEMBLY AND SYSTEM AND METHOD FOR MANUFACTURING SAME

Abstract: Embodiments of a system and a method for manufacturing a cementitious panel can be used to produce a cementitious panel having a multi-layer air/water barrier membrane assembly. The layers of the membrane can be built up via a series of applicator stations applying a fluid composition using roll coating, for example. Between applicator stations the applied layer of fluid composition can be subjected to drying conditions via infrared heating. To help protect from the deleterious effects of infrared heating, the cementitious panel can be conveyed through a cooling tunnel after each drying section.

Classifications:
International (IPC 8-9): B05D7/00 B28B11/24 B32B13/04 B32B13/14 C04B28/04 C04B28/16 C04B41/70 E04B1/76 F26B3/30 (Advanced/Invention)
CPC: E04B1/76 B32B13/04 C04B2111/0062 C04B28/04 C04B28/16 B32B13/14 B28B11/24 C04B41/009 C04B41/483 C04B41/63 C04B2103/408 E04B2001/7691 E04B2103/02 F26B3/30 F26B15/12 E04B1/625 E04C2/043 E04C2/049



Family:

Publication number	Publication date	Application number	Application date
US2019003176 AA	20190103	US20180000357	20180605
WO19006441 A1	20190103	WO2018US40532	20180702

Priority:

US20170527612P 20170630 US20180000357 20180605

Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std): UNITED STATES GYPSUM CO

Inventor(s): (std): DONELAN JEFFREY WILLIAM ; LEE CHRIS C ; OMODT JENNER ; PENG YANFEI ; RICHMOND STEVEN ; SHAKE MICHAEL P ; ZELEPOUGA SERGUEI

Agent(s): HASAN SALIM ET AL

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

13) Family number: 1198504 (FR2335664A)

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Title: A construction element (1) for facing exposed masonry consists of a heat-insulating and sound-insulating baseboard (3)...

Abstract: A construction element (1) for facing exposed masonry consists of a heat-insulating and sound-insulating baseboard (3) and, thereon, with the interposition of a reinforcing insert (5) consisting of a woven or knitted fabric, shaped bricks (2), as facing elements, fixed by means of a casting composition (4) as adhesion promoter. The casting composition (4) contains mineral binders and mineral fillers. In one embodiment, the casting composition additionally contains a plastic powder dispersible in water to give a dispersion or a synthetic resin dispersion and inorganic and/or organic fibres or beads made of glass or plastics or foamed synthetic resins. The construction elements (1) serve for the thermal and acoustic insulation of facades.

Classifications:
International (IPC 8-9): E04F13/08 (Advanced/Invention); D21H11/04 D21H11/06 D21H11/08 D21H11/10 D21H17/45 D21H21/14 D21H23/50 D21H23/56 (Advanced/Non-invention); E04F13/08 (Core/Invention); D21H11/00 D21H17/00 D21H21/14 D21H23/00 (Core/Non-invention)
International (IPC 1-7): B28B1/16 B28B23/00 B32B13/04 E04B1/88 E04B1/90 E04C2/04 E04C2/40 E04F13/08
CPC: D21H11/04 D21H11/06 D21H11/08 D21H11/10 D21H17/455 D21H21/14 D21H23/50 D21H23/56 E04F13/0875
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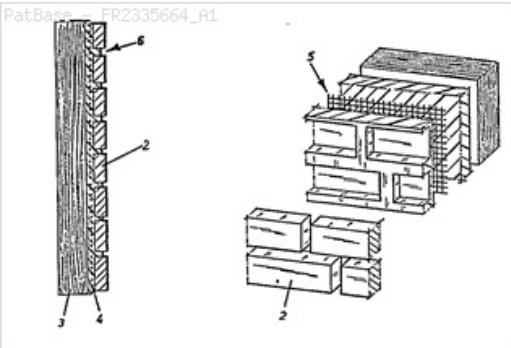

Family:

Publication number	Publication date	Application number	Application date
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AT931376 A	19780915	AT19760009313	19761216
BE849564 A	19770415	BE19760173406	19761217
CH618230 A	19800715	CH19760015728	19761214
DE2556766 A1	19770630	DE19752556766	19751217
FR2335664 A1	19770715	FR19760038231	19761217
FR2335664 B1	19820611	FR19760038231	19761217
NL7613852 A	19770621	NL19760013852	19761214

Priority:

DE19752556766 19751217

Probable Assignee: BASF SE

Assignee(s): (std): BASF FARBEN AND FASERN ; BASF SE

Assignee(s): BASF FARBEN AND FASERN AG ; BASF FARBEN AND FASERN AG TE HAMBURG BONDSREPUBL ; BASF FARBEN AND FASERN AG TE HAMBURG BONDSREPUBLIEK DUITSLAND ; BASF FARBEN AND FASERN AKTIENGESELLSCHAFT ; BASF FARBEN FASERN AG

Inventor(s): (std): CONEIN HERBERT ; CONEI HERBERT ; AUGUSTIN FRIEDRICH

Inventor(s): FRIEDRICH AUGUSTIN ; HERBERT CONEIN ; FRIEDRICH AUGUSTIN ET HERBERT CONEI

14) Family number: 63551588 (US2016264461A)

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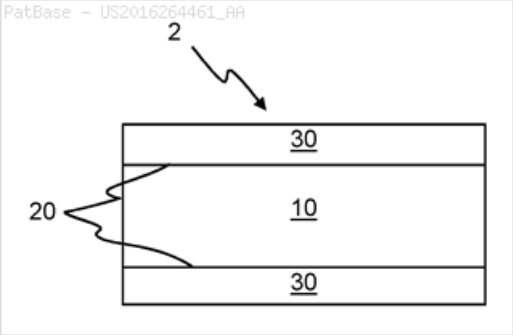
Title: HYDROPHOBIC FINISH COMPOSITIONS WITH EXTENDED FLOW TIME RETENTION AND BUILDING PRODUCTS MADE THEREOF

Abstract: Disclosed are hydrophobic finish compositions and cementitious articles made with the hydrophobic finish compositions. In some embodiments, the article is a waterproof gypsum panel surface reinforced with inorganic mineral fibers that face a flexible and hydrophobic cementitious finish possessing beneficial waterproofing properties. These waterproof gypsum panels have many uses, such as, tile backer board in wet or dry areas of buildings, exterior weather barrier panel for use as exterior sheathing, interior wall and ceiling, and roof cover board having water durability and low surface absorption. The flexible and hydrophobic cementitious finish can include fly ash, film-forming polymer, preferably silane compound (e.g., alkyl alkoxysilane), an extended flow time retention agent including either one or more carboxylic acids, salts of carboxylic acids, or mixtures thereof, and other optional additives. Preferably a pre-coated non-woven glass fiber mat is employed to provide the inorganic mineral fibers for the surface reinforcement.

Classifications:
International (IPC 8-9): B28B11/04 B28B19/00 B28B23/00

B32B13/08 B32B13/12 B32B13/14 B32B29/00 B32B5/26 C04B111/27 C04B14/42 C04B18/08 C04B24/04 C04B24/26 C04B24/42 C04B28/02 C04B28/14 C04B40/06 C04B41/00 C04B41/45 C04B41/46 C04B41/48 C04B41/50 C04B41/52 C04B41/63 C04B41/70 C04B7/26 C09D1/00 C09D201/00 C09D5/00 C09D7/12 E04C2/04 E04C2/06 E04C2/26 E04F15/18 (Advanced/Invention); C04B111/00 C04B111/27 C04B111/60 (Advanced/Non-invention)



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US: 428/339 442/327
JP F-Term: 4G112 4G112/MC12
JP F-Index: C04B18/08/Z C04B24/04 C04B24/26/A C04B24/42/A

Family:

Publication number	Publication date	Application number	Application date
AU2016233641 AA	20171019	AU20160233641	20160311
BR112017018494 A2	20180417	BR20171118494	20160311
CA2979225 AA	20170908	CA20162979225	20160311
CN107406688 A	20171128	CN201680012552	20160311
EP3268332 A1	20180117	EP20160714111	20160311
IN201717034774 A	20171215	IN201717034774	20170929
JP2018507839 T2	20180322	JP20170546635T	20160311
KR20170128369 A	20171122	KR20177027148	20160311
MX2017010974 A1	20171018	MX20170010974	20160311
US2016264461 AA	20160915	US20160066417	20160310
US2016264787 AA	20160915	US20150973330	20151217
US2019055161 AA	20190221	US20180168107	20181023
US10155692 BB	20181218	US20150973330	20151217
WO16149081 A1	20160922	WO2016US21970	20160311

Priority:

US20150133216P 20150313 US20150973330 20151217 US20160066417 20160310
WO2016US21970 20160311 US20180168107 20181023

Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std): UNITED STATES GYPSUM CO

Assignee(s): PENG YANFEI ; LEE CHRIS C ; DUBEY ASHISH ; BLACKBURN DAVID R ; DONELAN JEFFREY W

Inventor(s): (std): ASHISH DUBEY ; BLACKBURN DAVID R ; CHRIS C LEE ; DAVID R BLACKBURN ; DONELAN JEFFREY W ; DUBEY ASHISH ; JEFFREY W DONELAN ; LEE CHRIS C ; PENG YANFEI ; YANFEI PENG

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; JAMES AND WELLS INTELLECTUAL PROPERTY; GOWLING WLG CANADA LLP; FINDLAY ALICE ROSEMARY; VORYS SATER SEYMOUR AND PEASE LLP; SAHU PRADIP; PETTI PHILIP T; VENTURINO ANTHONY ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE 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

15) Family number: 57418599 (US2014261954A)

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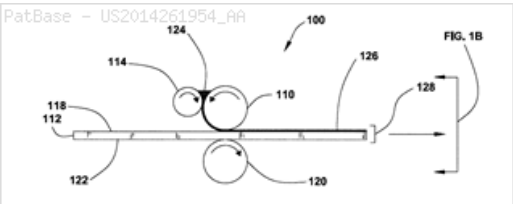
Title: METHOD OF PREPARING MAT-FACED ARTICLE

Abstract: Disclosed is a method of preparing a mat-faced cementitious article composite. A mat-faced article (e.g., board) is formed and the composite is formed upon application of a finish composition (e.g., hydrophobic). In one aspect, the mat-faced gypsum article comprises a mat having an inner surface adjacent to a cementitious core first surface and an opposite outer mat surface. An aqueous cementitious finish composition is applied to the outside mat surface to form the mat-faced cementitious article composite. Desirably, the finish composite can suitably be applied by a roller assembly comprising a finish roller. In some embodiments, the finish roller has an uneven surface, including for example, grooves or depressions (e.g., circumferential or longitudinal) defined therein.

Classifications:
International (IPC 8-9): B28B1/52 B28B11/04 B28B19/00 B32B38/00 (Advanced/Invention)
CPC: B32B38/0012 B28B19/0015 B28B19/0092
US: 156/45
JP F-Term: 4G052 4G052/GA02 4G052/GA04 4G052/GB42 4G052/GC01 4G055 4G055/AA02 4G055/AC01 4G055/BA35 4G055/BA40
JP F-Index: B28B1/52 B28B11/04



Family:

Publication number	Publication date	Application number	Application date
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CA2904994 AA	20150909	CA20142904994	20140312
EP2969440 A1	20160120	EP20140732455	20140312

IN08849DN2015 A	20160610	IN2015DN08849	20150925
JP2016515057 T2	20160526	JP20160501445T	20140312
KR20150140662 A	20151216	KR20157026646	20140312
MX2015011652 A1	20160205	MX20150011652	20140312
US2014261954 AA	20140918	US20130837041	20130315
WO14150788 A1	20140925	WO2014US24234	20140312

Priority:

US20130837041 20130315 WO2014US24234 20140312

Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std): UNITED STATES GYPSUM CO

Assignee(s): BLACKBURN DAVID R ; DUBEY ASHISH ; PENG YANFEI

Inventor(s): (std): BLACKBURN DAVID ; BLACKBURN DAVID R ; DUBEY ASHISH ; PENG YANFEI

Inventor(s): YANFEI PENG ; DAVID BLACKBURN ; ASHISH DUBEY

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; JAMES AND WELLS INTELLECTUAL PROPERTY; MOFFAT AND CO; BSB INTELLECTUAL PROPERTY LAW; HASAN SALIM ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE 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

16) Family number: 59000616 (US2015104629A)

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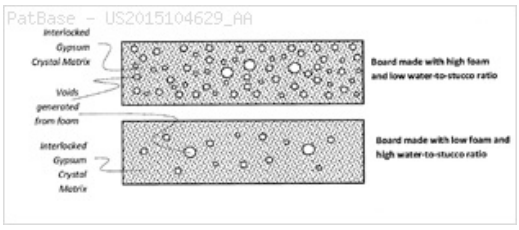
Title: GYPSUM WALLBOARD PRODUCED USING A HIGH WATER-TO-STUCCO RATIO

Abstract: A gypsum composition, board, and method of producing a gypsum board with increased fire endurance are described. The set gypsum-containing composition can be used to prepare a gypsum board having fire endurance, based on particular water-to-stucco ratios.



Classifications:
International (IPC 8-9): B28B1/30 C04B C04B111/00 C04B111/28 C04B111/30 C04B14/10 C04B14/20 C04B18/08 C04B18/14 C04B22/02 C04B24/38 C04B28/14 C04B38/02 E04B1/74 E04B1/94 E04C2/04 E04C2/284 E04F13/14 (Advanced/Invention); C04B111/00 C04B111/28 C04B111/30 (Advanced/Non-invention); C04B111/00 C04B111/28 C04B111/30 C04B28/14 (Core/Invention)
CPC: E04B1/942 E04C2/043 C04B28/14 C04B2111/00068 C04B2111/0062 C04B2111/28 C04B2111/30 C04B2201/20 Y02W30/92 Y02W30/94 Y02W30/97 Y10T428/31971 E04C2/284 E04F13/14 E04F2290/045
US: 156/45 428/220 428/448 428/532 428/703
JP F-Term: 2E001 2E001/DD01 2E001/DE01 2E001/FA06 2E001/FA14 2E001/GA12 2E001/GA24 2E001/GA25 2E001/GA26 2E001/GA27 2E001/GA28 2E001/GA29 2E001/GA42 2E001/HA03 2E001/HA33 2E001/HC07 2E001/HC08 2E001/HD11 2E001/HE05 2E001/LA04 4G019 4G052 4G052/DA01 4G052/DA08 4G052/DB14 4G052/DC05 4G112 4G112/PA06 4G112/PA08 4G112/PA27 4G112/PA28 4G112/PB39 4G112/PB40
JP F-Index: B28B1/30/101 C04B14/10/Z C04B14/20/Z C04B18/08/Z C04B18/14/Z C04B24/38/D C04B24/38/Z C04B28/14 C04B38/02/B E04B1/94/W

Family:

Publication number	Publication date	Application number	Application date
AR098041 AA	20160427	AR2014P103838	20141015
AU2014334591 AA	20150423	AU20140334591	20141014
BR112016007522 A2	20170801	BR20161107522	20141014
CA2927040 AA	20160408	CA20142927040	20141014
CL2016000796 A1	20161007	CL20160000796	20160406
CN105683122 A	20160615	CN201480056686	20141014
CO16105000 A2	20161031	CO20160105000	20160425
EP3057919 A1	20160824	EP20140789726	20141014
ID201709584 A	20170901	ID2016P0002781	20141014
IN201617013625 A	20160831	IN201617013625	20160419
JP2016539891 T2	20161222	JP20160521298T	20141014
KR20160071397 A	20160621	KR20167010690	20141014
MX2016004357 A1	20160705	MX20160004357	20141014
PE04652016 A1	20160430	PE20160000442	20141014
RU2016115595 A	20171120	RU20160115595	20141014
RU2016115595 A3	20180827	RU20160115595	20141014
TH164161 A	20170706	TH20161001935	20141014
TW201514123 A	20150416	TW20140135397	20141013
US2015104629 AA	20150416	US20130054689	20131015
WO15057601 A1	20150423	WO2014US60332	20141014
ZA201602887 A	20170726	ZA20160002887	20160428

Priority:

US20130054689 20131015 RU20160115595 20141014 WO2014US60332 20141014

Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std): UNITED STATES GYPSUM CO

Assignee(s): CAO BANGJI ; CHAN CESAR ; SONG WEIXIN D

Inventor(s): (std): B CAO ; BANGJI CAO ; CAO BANGJI ; CHAN CESAR ; C CHEN ; CESAR CHAN ; SONG WEIXIN D ; SONG WEIXIN DAVID ; WEIXIN D SONG ; WEIXIN SONG

Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; JAMES AND WELLS INTELLECTUAL PROPERTY; MOFFAT AND CO; JOHANSSON AND LANGLOIS LTDA; DANILO ROMERO RAAD; BRP RENAUD AND PARTNER MBB RECHTSANWAELTE PATENTANWAELTE STEUERBERATER; BUDI RAHMAT SH; HASAN SALIM ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE 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

17) Family number: 28301624 (US2002185239A) © PatBase

Title: SURFACE SIZE COMPOSITION

Abstract: A size composition for the surface sizing of paper, board or other suchlike. The size composition comprises a size fraction which comprises a water-soluble, principal component made up of, for example, starch, polyvinyl alcohol, carboxymethyl cellulose, glucomannan, protein, or mixtures thereof, and a pigment fraction formed by mixing together a mineral material, which in the main comprises talc particles and/or other phyllosilicate particles, and a binder such as a synthetic polymer, latex and/or other corresponding binder. The size composition is prepared by mixing together the said size fraction and pigment fraction.

Classifications:
International (IPC 8-9): C08J3/22 C08K3/34 C08L3/00 C09K3/10 D21H19/36 D21H19/40 D21H19/50 D21H19/52 D21H19/54 D21H19/58 D21H19/60 D21H19/62 D21H21/16 (Advanced/Invention);
D21H19/40 D21H19/50 D21H19/52 D21H19/54 D21H19/58 D21H19/60 D21H19/62 (Advanced/Non-invention)
International (IPC 1-7): B32B1/00 D21H17/04 D21H17/22 D21H17/24 D21H17/63 D21H19/36 D21H19/40
CPC: Y10T428/24628 D21H19/36 D21H19/40 D21H19/50 D21H19/52 D21H19/54 D21H19/58 D21H19/60 D21H19/62 D21H21/16
European: D21H19/36 D21H21/16 N21H19/40 N21H19/50 N21H19/52 N21H19/54 N21H19/58 N21H19/60 N21H19/62
US: 162/173 162/174 162/174S 162/175 162/175S 162/181.1 162/181.100S 428/174 428/174P 524/17 524/444 524/447 524/448 524/449 524/45 524/450 524/451 524/47 524/55

Family:

Publication number	Publication date	Application number	Application date
AT428824 E	20090515	AT20000918927T	20000418
AU200039706 A1	20010130	AU20000039706	20000418
AU200039706 A5	20010130	AU20000039706	20000418
CA2378635 AA	20020108	CA20002378635	20000418
CA2378635 C	20090721	CA20002378635	20000418
DE60042031 D1	20090528	DE20006042031	20000418
EP1246966 A1	20021009	EP20000918927	20000418
EP1246966 B1	20090415	EP20000918927	20000418
ES2323160 T3	20090708	ES20000918927T	20000418
FI117717 B	20070131	FI19990001590	19990709
FI991590 A	20010110	FI19990001590	19990709
PT1246966 T	20090521	PT20000918927T	20000418
US2002185239 AA	20021212	US20020038769	20020108
US2004023004 AA	20040205	US20030628481	20030729
US7214728 BB	20070508	US20030628481	20030729
WO0104416 A1	20010118	WO2000FI00332	20000418

Priority:
FI19990001590 19990709 WO2000FI00332 20000418 US20020038769 20020108 US20030628481 20030729

Probable Assignee: RAISIO CHEMICALS LTD

Assignee(s): (std): CIBA HOLDING INC ; CIBA SC HOLDING AG ; KIMPIMAEKI TOMI ; LINDSTROEM MARI ; NURMI KARI ; RAISIO CHEM OY ; RAISIO CHEMICALS LTD ; RAISIO CHEM LTD

Assignee(s): RAISIO CHEMICALS OY ; NIINIKOSKI MARI ; KIMPIMAKI TOMI ; CIBA SPECIALTY CHEMICALS CORP ; CIBA SPECIALTY CHEMICALS HOLDING INC ; CIBA SPECIALTY CHEMICALS OY

Inventor(s): (std): KIMPIMAEKI TOMI ; KIMPIMAKI TOMI ; LINDSTROEM MARI ; NIINIKOSKI MARI ; NIINIKOSKI NEE LINDSTROM MARI ; NURMI KARI ; LINDSTROM MARI

Inventor(s): KARI NURMI ; TOMI KIMPIMAKI ; TOMI KIMPIMAEKI ; MARI NIINIKOSKI ; MARI LINDSTROM

Agent(s): GOWLING LAFLEUR HENDERSON LLP; HOLLATZ CHRISTIAN ET AL; SHIELA A

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 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

18) Family number: 31485649 (US2005058689A) © PatBase

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);
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PatBase - WO05007758_A2

WO 2005007758 PCT/US2004/021716

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1/67

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EP1644452 A2	20060412	EP20040756724	20040706
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EP2431429 A3	20120627	EP20110168727	20040706
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IL173658 A0	20090211	IL20060173658	20060209
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SG179021 A1	20120427	SG20120015939	20100915
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US2006141003 AA	20060629	US20060368086	20060303
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US7939500 BB	20110510	US20090543145	20090818
US8497248 BB	20130730	US20110089479	20110419
US8618066 BA	20131231	US20070865514	20071001
WO05007758 A2	20050127	WO2004US21711	20040706
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WO05007758 A8	20160317	WO2004US21711	20040706
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US20020409102P	20020909	US20030485234P	20030703	US20030655345	20030904
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Assignee(s): (std): MCDANIEL C ; MCDANIEL C STEVEN ; REACTIVE SURFACES LTD ; MCDANIEL STEVEN C ; REACTIVE SURFACES LTD LLP ; STEVEN MCDANIEL C ; REACTIVE SURFACE LTD ; RAWLINS JAMES W ; WALES MELINDA ; WILLIAMS ERIC B

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

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

Inventor(s): C STEVEN MCDANIEL ; 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 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 TH TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

19) Family number: 49239709 (BRPI0904733A)

© PatBase

Title: polimero superabsorvente para uso na agricultura constituido de uma mistura de amido e poli (alcool vinilico) reticulados e superporosos e metodo de preparacao Superabsorbent polymer for use in agriculture is a mixture of starch and poly (vinyl alcohol) and overlaid lattices and preparation methods (Machine translation)

Abstract: Source: BRPI0904733A [PT] POLIMERO SUPERABSORVENTE PARA USO NA AGRICULTURA CONSTITUIDO DE UMA MISTURA DE AMIDO E POLI (AI1COOL VINHACO) RETICULADOS E SUPERPOROSOS E METODO DE PREPARACAO visa a obtencao de matriz polimerica composta de AMIDO de biodegradacao muito rapida (cerca de uma ou duas semanas em qualquer tipo de solo), misturada e eventuaimente reticulada, por meios fisico ou quimico, ao POLI (ALCOOL VINILICO) (PVA) de biodegradacao mais lenta (em poucos meses e dependente da presenca de microrganismos especificos). O amido apresenta-se na forma de particuias de geometria esferoidal. super-expandidas dispersas na matriz de PVA. A matriz polimerica da presente invencao aumenta, ao absorver agua, em mais de 400 vezes sua massa inicial; consequentemente, aumenta tambem o grau de hidratacao do solo disponibilizando a agua de maneira gradativa conforme a necessidade da planta. Uma vez biodegradavel, permite que os microrganismos presentes no solo consumam suas moleculas propiciando, ao longo do tempo, um solo ainda mais fertil para o meio ambiente. A matriz polimerica da presente invencao podera ser preparada por extrusao e termoformagem, entre outras tecnicas utilizadas na industria dos plasticos.

Machine translation: Super absorbent polymer for use in agriculture consisting of a mixture STARCH AND POLY (AI1COOL vinasse) and reticular overlap and preparation method aims to obtain polymeric matrix composed of starch degradation very quickly (about a week or two in any type of soil), mixed and eventuaimente screened for physical or chemical means, the poly (vinyl alcohol) (PVA) biodegradation slower (in a few months and dependent on the presence of specific microorganisms). The starch is presented in the form of spheroidal particles geometry. super-expanded dispersed in PVA matrix. The polymeric matrix of this invention increases by absorbing water in more than 400 times its initial mass and consequently, also increases the degree of soil moisture available so the water gradually as needed from the plant. Once biodegradable, allows the microorganisms in the soil consume their molecules providing, over time, an even more fertile ground for the environment. The polymeric matrix of this invention may be prepared by extrusion and thermoforming, among other techniques used in the plastics industry.

Classifications:
International (IPC 8-9): C08B31/04 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
BRPI0904733 A2	20110705	BR2009PI04733	20091105

Priority:

BR2009PI04733 20091105

Probable Assignee: EFICACE PRODUTOS QUIMICOS LTDA

Assignee(s): (std): EFICACE PRODUTOS QUIMICOS LTDA

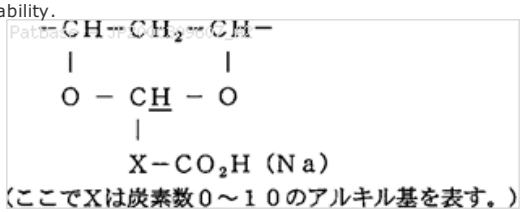
Inventor(s): (std): LUGAO ADEMAR BENEVOLO ; PONCE PATRICIA

Inventor(s): ADEMAR BENEVOLO LUGAO ; PATRICIA PONCE

20) Family number: 11567748 (US6472470B) © PatBase

Title: VINYL ALCOHOL POLYMER AND ITS COMPOSITION

Abstract: Vinyl alcohol polymers having an ethylene unit content of 2 to 19 mole percent, a polymerization degree of 200 to 2,000, a degree of saponification of 80 to 99.99 mole percent and a total content of carboxyl group and lactone rings of 0.02 to 0.4 mole percent are excellent in thermal stability, water resistance, gas-barrier properties, water vapor-barrier property, stability of aqueous solution kept at low temperatures and biodegradability.



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ES2239833 T3	20051001	ES19990309612T	19991130
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JP4772175 B2	20110914	JP19990346140	19991206
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Priority:
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Probable Assignee: KURARAY CO LTD

Assignee(s): (std): KURARAY CO

Assignee(s): KURARAY CO LTD ; KUSUDOU TAKESHI ; SOMEMIYA KAZUYUKI ; FUJIWARA NAOKI

Inventor(s): (std): KUSUDOU TAKESHI ; KUSUFUJI TAKESHI ; SOMEMIYA KAZUYUKI ; SOMEMIYA TOSHITAKA ; TAKESHI KUSUDOU ; TOSHITAKA SOMEMIYA ; NAOKI KUZUHARA ; KEN KUSUTO ; FUJIWARA NAOKI

Inventor(s): KAZUYUKI SOMEMIYA ; KUSUTO KEN ; KUZUHARA NAOKI ; NAOKI FUJIWARA

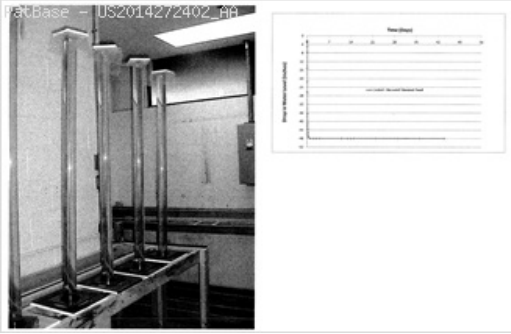
Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; KIRBY EADES GALE BAKER

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

21) Family number: 57425768 (US2014272402A) © PatBase

Title: CEMENTITIOUS ARTICLE COMPRISING HYDROPHOBIC FINISH

Abstract: Disclosed are cementitious articles with hydrophobic finish. In some embodiments, the article is a waterproof gypsum panel that is surface reinforced with inorganic mineral fibers that face a flexible and hydrophobic cementitious finish possessing beneficial waterproofing properties. The waterproof gypsum panels of the invention are useful in many applications, such as, for example, tilebacker board in wet or dry areas of buildings, exterior weather barrier panel for use as exterior sheathing, and roof cover board having superior water durability and extremely low surface absorption. The flexible and hydrophobic cementitious finish of the invention can include Class C fly ash, film-forming polymer, silane compound (e.g., alkyl alkoxysilane), and otheroptional additives.



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JP F-Term: 4G112 4J002 4J002/AA00 4J002/AC08 4J002/BB06 4J002/BB07 4J002/BB10 4J002/BC07 4J002/BD06 4J002/BF02 4J002/BF03 4J002/BG03 4J002/DM00 4J002/EX03 4J002/FD01 4J002/FD14 4J002/GF00 4J002/GL00 4L031 4L031/AA24 4L031/AB34 4L031/BA20 4L031/DA11 4L033 4L033/AA09 4L033/AB07 4L033/AC15 4L033/BA96 4L033/CA15 4L033/CA18 4L033/CA28 4L033/CA68
JP F-Index: C04B18/08/Z C04B24/42/Z C04B26/04/A C04B26/04/B C04B26/06 C04B26/08 C08K3/00 C08K3/013 C08K5/5415 C08L101/02 D06M11/79 D06M13/513 D06M15/263

Family:

Publication number	Publication date	Application number	Application date
AU2014235596 AA	20151015	AU20140235596	20140312
AU2014235596 AA	20140925	AU20140235596	20140312
AU2014235596 BB	20170622	AU20140235596	20140312
CA2904990 AA	20150909	CA20142904990	20140312
EP2970006 A2	20160120	EP20140717573	20140312
IN08815DN2015 A	20160610	IN2015DN08815	20150925
JP2016519037 T2	20160630	JP20160501439T	20140312
JP6442474 B2	20181219	JP20160501439T	20140312
KR20150139842 A	20151214	KR20157026644	20140312
MX2015011542 A1	20160205	MX20150011542	20140312
TH162436 A	20170511	TH20151005059	20140312
US2014272402 AA	20140918	US20130834556	20130315
WO14150781 A2	20140925	WO2014US24207	20140312
WO14150781 A3	20150205	WO2014US24207	20140312

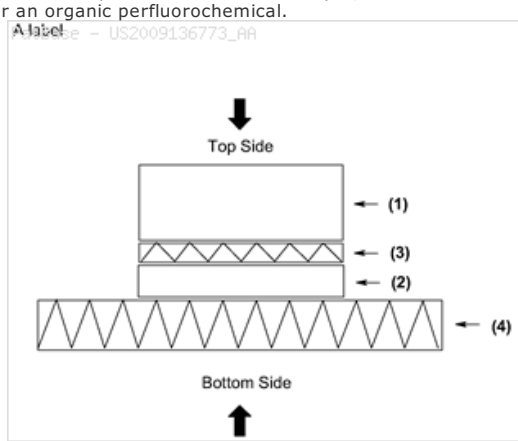
Priority:
US20130834556 20130315 WO2014US24207 20140312

Probable Assignee: UNITED STATES GYPSUM CO
Assignee(s): (std): UNITED STATES GYPSUM CO
Assignee(s): DUBEY ASHISH ; PENG YANFEI
Inventor(s): (std): DUBEY ASHISH ; PENG YANFEI
Inventor(s): YANFEI PENG ; ASHISH DUBEY
Agent(s): MADDERNS PATENT AND TRADE MARK ATTORNEYS; JAMES AND WELLS INTELLECTUAL PROPERTY; MOFFAT AND CO; BSB INTELLECTUAL PROPERTY LAW; HASAN SALIM ET AL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE 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

22) Family number: 34404877 (US2009136773A) © PatBase

Title: BARRIER COATINGS FOR THE LABEL STOCK

Abstract: The present invention provides a label comprising a label stock (1), an adhesive layer (2), and a barrier coating layer (3), which is located between the bottom side of the label stock and the top side of the adhesive layer, wherein the barrier coating layer comprises either an acrylic core shell polymer or an organic perfluorochemical.



Classifications:
International (IPC 8-9): B05D1/36 B32B27/28 B32B27/30 B32B33/00 C09J7/02 G09F3/02 G09F3/10 (Advanced/Invention); B05D1/36 B32B27/28 B32B27/30 B32B33/00 C09J7/02 G09F3/02 G09F3/10 (Core/Invention)
CPC: Y10T428/31855 C09J2203/334 C09J2427/001 C09J2433/001 C09J7/50
European: C09J7/02K8 M09J203/334 M09J427/00B M09J433/00B
US: 156/90 156/90S 427/407.1 427/407.100S 428/500 428/500P
JP F-Term: 4F100 4F100/AJ07/B 4F100/AK12/B 4F100/AK17/B 4F100/AK25/B 4F100/AL01/B 4F100/BA02 4F100/DG10/A 4F100/EH46/B 4F100/GB90 4F100/JA05/B 4F100/JA07/B 4F100/JD01/B 4F100/YY00/A 4F100/YY00/B 5C091
JP F-Index: B32B27/30/A B32B27/30/D G09F3/02/A G09F3/10/A

Family:

Publication number	Publication date	Application number	Application date
EP1937788 A2	20080702	EP20060793993	20061009
JP2009513997 T2	20090402	JP20080536012T	20061009
US2009136773 AA	20090528	US20060083556	20061009
WO07045569 A2	20070426	WO2006EP67171	20061009
WO07045569 A3	20070607	WO2006EP67171	20061009

Priority:

EP20050109791 20051020 EP20060793993 20061009 WO2006EP67171 20061009

Probable Assignee: CIBA HOLDING INC

Assignee(s): (std): CIBA HOLDING INC ; CIBA SC HOLDING AG ; GHOSH TAMAL ; DE SOMER PHILIP

Assignee(s): CIBA SPECIALTY CHEMICALS HOLDING INC

Inventor(s): (std): DE SOMER PHILIP ; GHOSH TAMAL

Agent(s): JOANN VILLIAMIZAR,PATENT DEPARTMENT; JOANN VILLIAMIZAR PATENT DEPARTMENT

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 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 MG MK ML MN MR 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 ZA ZM ZW

23) Family number: 29086926 (US2003181114A)

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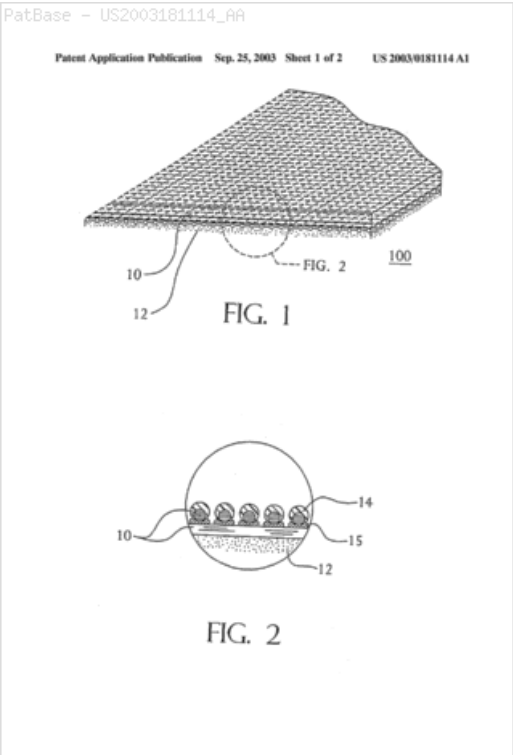
Title: DRYWALL TAPE AND JOINT

Abstract: Drywall tapes, drywall joints and methods for their construction are provided by this invention. The drywall tape of this invention includes a web of glass fibers and a coating disposed over a portion of the glass fibers. The coating includes a resinous binder which is at least partially soluble or dispersible in joint compound. The resinous binder is capable of forming an adhesive bond with the joint compound when set.

Classifications:
International (IPC 8-9): B32B33/00 B32B7/12 B32B9/00 C09J7/04 E04F13/04 (Advanced/Invention);
B32B33/00 B32B7/12 B32B9/00 C09J7/04 E04F13/02 (Core/Invention)
International (IPC 1-7): B32B27/12 B32B3/00 B32B33/00 B32B5/02 B32B7/12 B32B9/00
CPC: E04F13/042 E04F13/047 C09J2400/263 E04F13/04 Y10T428/14 Y10T428/1419 Y10T428/197 Y10T428/28 Y10T442/2738 C09J7/21
European: C09J7/04 E04F13/04 E04F13/04C M09J400/26S
US: 428/343 428/343S 428/40.1 428/40.100S 428/40.5 428/61 428/61S 442/149 442/149P



Family:

Publication number	Publication date	Application number	Application date
US2003181114 AA	20030925	US20020102061	20020320
US7141284 BB	20061128	US20020102061	20020320

Priority:

US20020102061 20020320

Probable Assignee: SAINT GOBAIN ADFORS CANADA LTD

Assignee(s): (std): SAINT GOBAIN TECHNICAL FABRICS

Assignee(s): SAINT GOBAIN TECHNICAL FABRICS AMERICA ; SAINT GOBAIN TECHNICAL FABRICS CANADA LTD ; SAINT GOBAIN ADFORS CANADA LTD

Inventor(s): (std): NEWTON MARK JOSEPH ; ROBERTS DAVID GERAINT

Agent(s): DUANE MORRIS LLP

24) Family number: 44967977 (US2010143682A)

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Title: MAT-FACED CEMENTITIOUS ARTICLE AND METHOD FOR PREPARING SAME

Abstract: A cementitious composite article comprising (a) a cementitious core, (b) a skim coat cementitious layer in contact with the cementitious core having a density greater than the cementitious core, and (c) a fibrous mat comprising (i) microfibers and (ii) continuous fibers having a length of about 0.6 cm or more, wherein the fibrous mat comprises an inner surface in contact with the skim coat cementitious layer; as well as a method for manufacturing same.

Classifications:
International (IPC 8-9): B05D1/36 B05D1/38 B23B7/00 B32B B32B13/14 B32B17/00 B32B37/02 B32B7/00 B32B7/02 C04B14/42 C04B28/02 C04B28/14 (Advanced/Invention);
B32B13/14 B32B17/00 B32B7/00 (Advanced/Non-invention);
B05D1/36 B05D1/38 B32B7/00 B32B7/02 (Core/Invention);
B32B (Subclass/Invention)
International (IPC 1-7): B32B7/02
CPC: Y10T428/24992 C04B28/14 C04B2111/00413 C04B2111/00612 Y02W30/92 B32B5/022 B32B5/024 B32B7/02 B32B27/20 B32B2262/101 B32B2307/3065 B32B2307/4026 B32B2307/7145 B32B2307/7265 B32B2307/73 B32B2419/06 E04C2/043 B32B13/14
European: B32B13/14 B32B5/26 C04B28/14 E04C2/04C M04B111/00P35 M04B111/00T6
US: 427/359 427/359S 427/403 427/403S 428/218 428/218P
JP F-Term: 4F100 4F100/AE01/A 4F100/AE01/B 4F100/AE01/C 4F100/AE06 4F100/AG00/D 4F100/AG00/E 4F100/BA03 4F100/BA05 4F100/BA06 4F100/BA07 4F100/BA10/A 4F100/BA10/D 4F100/BA10/E 4F100/DG01/D 4F100/DG01/E 4F100/DG06/D 4F100/DG06/E 4F100/EH46/B 4F100/EH46/C 4F100/JA14/B 4F100/JA14/C 4F100/JB05/B 4F100/JB05/C 4F100/YY00/D 4F100/YY00/E 4G112 4G112/PA17
JP F-Index: B32B13/14 C04B14/42/B C04B14/42/Z C04B28/02 C04B28/14

Family:

Publication number	Publication date	Application number	Application date
AR074011 AA	20101215	AR2009P104190	20091030
AU2009308844 AA	20100506	AU20090308844	20091029
AU2009308844 AB	20110707	AU20090308844	20091029
BRPI0920384 A2	20160322	BR2009PI20384	20091029
CA2741845 AA	20100506	CA20092741845	20091029
CN102196901 A	20110921	CN200980140495	20091029
CO6361964 A2	20120120	CO20110066745	20110530
EP2349709 A1	20110803	EP20090824125	20091029
EP2349709 A4	20121121	EP20090824125	20091029
IN03309CN2011 A	20120907	IN2011CN03309	20110513
JP2012507421 T2	20120329	JP20110534758T	20091029
KR20110079838 A	20110708	KR20117011034	20091029
MX2011004136 A1	20110524	MX20110004136	20091029
RU2011118120 A	20121210	RU20110118120	20091029
US2010143682 AA	20100610	US20090608619	20091029
WO10051364 A1	20100506	WO2009US62540	20091029
ZA201103966 A	20120229	ZA20110003966	20110530

Priority:
US20080109886P 20081030 US20090608619 20091029 WO2009US62540 20091029

Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std): ENGBRECHT DICK C ; FEDORIS JOSEPH J ; IMMORDINO SALVATORE C ; LIU QINGXIA ; ROHRBAUGH WAYNE J ; UNITED STATES GYPSUM CO ; NELSON CHRISTOPHER R ; ROELFS DONALD L ; SHAKE MICHAEL P

Assignee(s): UNITED STATES GYPSUM COMPANY

Inventor(s): (std): ROHRBAUGH WAYNE J ; ENGBRECHT DICK C ; FEDORIS JOSEPH J ; IMMORDINO SALVATORE C ; NELSON CHRISTOPHER R ; ROELFS DONALD L ; LIU QINGXIA ; SHAKE MICHAEL P ; ROELFS DONALD ; EBGBRECHT DICK C ; QINGXIA LIU ; IMMORDINO SALVATORE C JR

Inventor(s): ENGBRECHT DICK ; NELSON CHRISTOPHER ; SHAKE MICHAEL ; ROHRBAUGH WAYNE ; ENGBRECHT DIRK C ; IMMORDINO SALVATORE ; FEDORIS JOSEPH ; SALVATORE IMMORDINO ; SALVATORE C IMMORDINO ; DICK C ENGBRECHT ; MICHAEL P SHAKE ; DONALD L ROELFS ; WAYNE J ROHRBAUGH ; JOSEPH J FEDORIS ; CHRISTOPHER R NELSON

Agent(s): GRIFFITH HACK; MOFFAT AND CO; DANILO ROMERO RAAD; CARPMAEL ROBERT MAURICE CHARLES; LEYDIG VOIT AND MAYER LTD; GASE JOHN L 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