

Search history

Search 1: tac=(gypsum and (silicone w2 oil)) and (flame or fiber or fiber or additive or panel or board) (Results 70)

Search 2: 1 and (dry* or dried) (Results 41)

Search 3: (2) AND IPC=(C04 OR E04 OR B28) (Results 28)

Search 4: (3) AND IPC=(E04) (Results 9)

Title: COMPOSITE PRE-FORMED BUILDING PANELS

Abstract: A composite building panel including a central body, substantially parallelepipedic in shape, comprised of an expanded polymer matrix, having opposite faces, a first surface and an opposing second surface; and one or more reinforcing members longitudinally extending across the central body between said opposite faces, having a first side portion embedded in the expanded polymer matrix, and a second side portion extending away from the first surface of the central body and one or more expansion holes located in the reinforcing member between the first side portion of the reinforcing member and the first surface of the central body. The central body includes a polymer matrix that expands through the expansion holes; and a space defined by the first surface of the central body and the second side portion of the reinforcing members is adapted for accommodating utilities through the space.

Classifications:

International (IPC 8-9): C04B20/00 C04B28/02 B28B13/00 B28B23/04 B28B3/00 B28C5/08 B32B15/01 B32B15/20 B32B3/00 B32B3/12 B32B3/26 B32B5/14 B32B5/16 B32B7/12 C04B11/00 C04B12/00 C04B14/00 C04B14/02 C04B14/08 C04B14/12 C04B14/18 C04B14/22 C04B14/38 C04B14/42 C04B14/48 C04B16/00 C04B16/06 C04B16/08 C04B18/04 C04B18/06 C04B18/08 C04B18/14 C04B22/04 C04B24/00 C04B24/12 C04B24/16 C04B24/24 C04B24/26 C04B24/28 C04B24/36 C04B28/00 C04B28/04 C04B28/06 C04B28/08 C04B38/00 C04B38/08 C04B40/00 C04B7/00 C04B9/00 C08B24/26 C08J9/00 C08J9/16 C08J9/22 C08K3/00 E01C3/00 E04B1/00 E04B1/18 E04B2/86 E04B5/19 E04B5/48 E04C1/00 E04C2/04 E04C2/22 E04C2/26 E04C2/28 E04C2/34 E04C2/38 E04C2/52 E04C5/08 E04F13/074 E04F13/18 E04F15/02 E04G11/36 E04G21/14 (Advanced/Invention); C04B11/40 C04B14/02 C04B14/08 C04B14/10 C04B14/12 C04B14/16 C04B14/18 C04B14/20 C04B14/22 C04B14/38 C04B14/42 C04B16/06 C04B18/04 C04B18/08 C04B18/10 C04B18/14 C04B18/16 C04B24/26 (Advanced/Non-invention); B28B13/00 B28B23/02 B28C5/00 B32B15/01 B32B15/20 B32B3/00 B32B3/12 B32B3/26 B32B5/14 B32B5/16 B32B7/12 C04B11/00 C04B12/00 C04B14/00 C04B14/02 C04B14/38 C04B16/00 C04B18/04 C04B22/00 C04B24/00 C04B28/00 C04B38/08 C04B7/00 C04B9/00 C08J9/00 C08K3/00 E01C3/00 E04B5/17 E04C1/00 E04C2/10 E04C2/26 E04C2/34 E04C2/52 E04C5/00 (Core/Invention); C04B14/02 C04B14/38 C04B18/04 C04B24/00 (Core/Non-invention); C04B E04B E04C (Subclass/Invention)

International (IPC 1-7): C04B16/08 C04B20/00 C04B28/02 C04B38/00 C04B38/08 C08J E04B5/19 E04C1/00

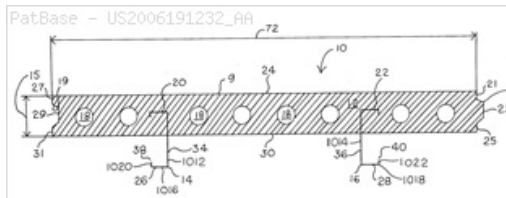
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US: 106/603 106/638 106/644 106/668 106/672 106/672S 106/676 106/676S 106/677 106/677S 106/679 106/679S 106/681 106/681S 106/692 106/692S 106/696 106/698 106/698S 106/705 106/705S 106/711 106/711S 106/713 106/713S 106/716 106/718 106/724 106/724S 106/727 106/732 106/732S 106/737 106/778 106/784 106/784S 106/789 106/789S 106/790 106/801 106/801S 106/802 106/802S 106/808 106/811 106/811S 106/814 106/814S 106/816 106/816S 106/823 264/333 264/DIG.43 414/812 414/812P 428/138 428/309.9 428/309.900S 428/312.4 428/312.400P 428/313.5 428/313.500S 428/323 428/323S 428/339 428/339S 428/703 428/71 428/71P 428/99 428/99P 442/386 52/220.1 52/220.100P 52/223.1 52/223.14 52/309.1 52/309.12 52/309.120P 52/309.13 52/309.130P 52/309.16 52/309.17 52/309.170S 52/309.2 52/309.3 52/309.4 52/309.7 52/414 52/481.1 52/481.100S 52/588.1 52/588.100S 52/606 52/606P 52/741.1 52/741.100S 52/800.1 52/800.100P 521/55 521/56 521/56P 521/56S 521/59 521/59P 524/2 524/2P 524/2S 524/3 524/3S 524/4 524/4S 524/5 524/5S 524/8 524/8S 585/639P

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**Family:**

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Priority:

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GUEVARA TRICA

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HILEMAN ; TANG JIAN SHENG AND ; TANG ; SALAZAR LORENZO L GIBSONIA ; SALAZAR LORENZO ;
RALPH GREGORY S WEXFORD ; RICHARD H ; RICHARD H PENNELL ; RICK ; PENNELL RICHARD HJR ;
RALPH GREGORY ; PENNELL RICHARD ; MOORE MARY ; MOORE ROGER COLUMBIA ; MOORE ROGER
DECEASED ; MOORE LEGAL REPRESENTATIVE MARY M ; MICHAEL R KELLEY ; MICHAEL T WILLIAMS ;
MADISH JOHN K NEGLEY ; MATZ GARY ; MADISH JOHN AND ; LORENZO L SALAZAR ; KRISTEN ;
LADELY TRICIA G HILEMAN BLAIN VAN BUSKIRK KRISTEN HUGHES RICK TANG JIANGSHENG
WOOLFSMITH DANIEL ; LADELY TRICIA G HILEMAN BLAIN VAN BUSKIRK... ; KRISTEN VAN BUSKIRK ;
KRISTEN VANBUSKIRK ; LADELY ; LADELY (GUEVARA) TRICIA ; KELLEY MICHAEL R BUTLER ; HUGHES
RICK BEAVER ; JAY J BOWMAN ; JIANGSHENG ; JIANGSHENG TANG ; JOHN K MADISH ; JOHN MADISH ;
HILEMAN TOBIAS BLAIN NEW CASTLE ; HUGHES ; HILEMAN TOBIAS ; GUEVARA TRICA KOPPEL ;
GUEVARA TRICIA KOPPEL ; GUEVARA TRICIA WILLIAMS MICHAEL T HUGHES RICK KELLEY MICHAEL R
MADISH JOHN K VAN BUSKIRK KRISTEN ; HILEMAN ; DANIEL ; DANIEL WOOLFSMITH ; DAVID A
COWAN ; GARY F MATZ ; GREGORY S RALPH ; COWAN DAVID A CRANBERRY TOWNSHIP ; BOWMAN
JAY J FLORENCE ; BUSKIRK KRISTEN ; ADEWALE KOLAPO MOON TOWNSHIP ; BLAIN ; BLAIN HILEMAN

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GRIFFITH HACK; TROTT TREVOR;
NORTON ROSE CANADA SENCRL SRL LLP; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL;
OGILVY RENAULT LLP SENCRL SRL; CHISHOLM P SCOTT; CLARKE; GRUENECKER PATENT U
RECHTSANWAELTE PARTG MBB; GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; HOFFMANN
EITL; WATSON ROBERT JAMES; WATSON ROBERT JAMES ET AL; GRUENECKER KINKELDEY
STOCKMAIR AND SCHWANHAUSSER; MILTENYI PETER; OSAKI KATSUMASA; TSUBOKURA MICHIAKI;
KANAYAMA MASATAKA; KAWAGUCHI YOSHIO; ONO MAKOTO; WEBB LAW FIRM PC; GARY F MATZ
NOVA CHEMICALS INC; NOVA CHEMICALS INC; NOVA CHEMICALS INC KAREN S LOCKHART; GARY F;
WEBB LAW FIRM; MATZ GARY F

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

Title: **GYPSUM** PRODUCTS UTILIZING A TWO-REPEATING UNIT DISPERSANT AND A METHOD FOR MAKING THEM

Abstract: A **gypsum** slurry includes water, a hydraulic component including stucco and a polycarboxylate dispersant. The dispersant has two repeating units wherein the first repeating unit is an olefinic unsaturated mono-carboxylic acid repeating unit or an ester or salt, and the second repeating unit is a vinyl or allyl group bound to a polyether by an ether linkage. The slurry can be made into a **gypsum panel**.

Classifications:

International (IPC 8-9): C04B24/26 B28B1/50 B28C5/28 B28C7/12 B32B13/00 B32B13/04 C04B103/32 C04B11/00 C04B16/00 C04B16/08 C04B2/00 C04B20/00 C04B22/06 C04B22/10 C04B22/16 C04B24/00 C04B24/02 C04B24/04 C04B24/12 C04B24/24 C04B24/32 C04B24/40 C04B24/42 C04B28/00 C04B28/14 C04B28/16 C04B28/28 C04B38/08 C04B38/10 C04B7/00 C04B7/04 C08J9/00 C08J9/34 C08K3/00 C08K3/30 E04C2/04 (Advanced/Invention);

C04B103/40 C04B103/32 C04B16/00 C04B16/08 C04B20/00 C04B28/00 C04B28/16 (Advanced/Non-invention); B32B13/00 C04B11/00 C04B16/00 C04B16/08 C04B2/00 C04B20/00 C04B22/00 C04B24/00 C04B24/16 C04B28/00 C04B38/08 C04B7/00 C08J9/00 C08K3/00 (Core/Invention); C04B (Subclass/Invention)

International (IPC 1-7): C04B 24/16 C04B11/00 C04B16/00 C04B16/08 C04B20/00 C04B28/00 C04B28/14 C08K3/30 C04B28/00

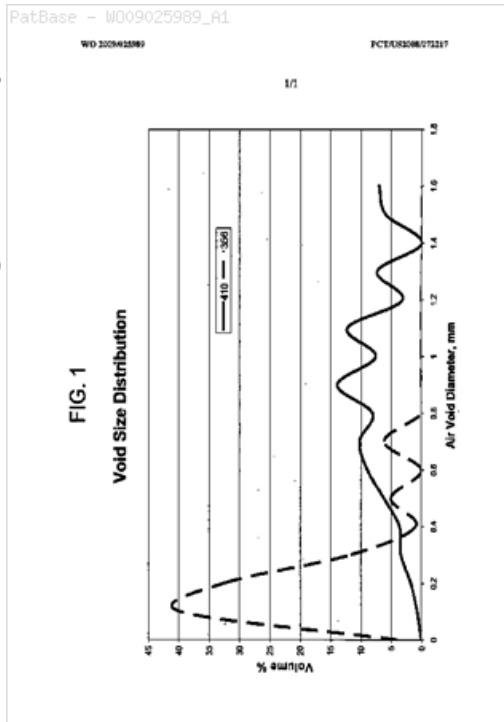
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US: 106/638 106/660 106/660S 106/672 106/672S 106/674 106/674S 106/677 106/677S 106/678 106/678S 106/680 106/680S 106/682 106/682S 106/772 106/772S 106/778 106/778S 106/779 106/779S 106/781 106/781S 106/785 106/785S 106/823 156/39 264/333 428/703 428/703 442/386 442/386 52/309.17 52/309.17 521/72 521/72P 521/83 521/83P 523/401 523/401S 524/4 524/423 524/423S 524/4P 524/5 524/5P 524/5S

JP F-Term: 4G012 4G112 4G112/MD00 4G112/MD04 4G112/MD05 4G112/PB03 4G112/PB08 4G112/PB13 4G112/PB31 4G052 4G052/FA01 4G052/FA10 4G052/FB22 4G052/FB34 4G056 4G056/AA10 4G056/AA21 4G056/AA23 4G056/CB21 4G056/CB35 4G112/MD02 4G112/MD03 4G112/PB16 4G112/PB20 4G112/PB28 4G112/PB14 4G112/PB15 4G112/PB29 4G112/PB32 4G112/PB36 4G112/PB41

JP F-Index: C04B22/06/Z C04B22/10 C04B22/16/A C04B24/26/E C04B24/26/F C04B28/14 B28B1/50 B28C5/28 B28C7/12 C04B24/04 C04B24/12/A C04B24/26/A C04B24/00 C04B24/02 C04B24/26/B C04B24/26/G C04B24/26/H C04B24/32/A C04B24/40 C04B24/42/A



Family:

Publication number	Publication date	Application number	Application date
AR053627 AA	20070509	AR2006P102520	20060614
AR067966 AA	20091028	AR2008P103586	20080815
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CO6260130 A2	20110322	CO20100030409	20100315
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JP2008543716 T2	20081204	JP20080517009T	20060613

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Priority:

US20050152418	20050614	US20060449924	20060609	WO2006US22956	20060613
US20070893759	20070817	US20070893758	20070817	US20070893791	20070817
WO2008US72214	20080805	WO2008US72217	20080805	US20090566388	20090924
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Probable Assignee: UNITED STATES GYPSUM CO

Assignee(s): (std): UNITED STATES GYPSUM CO ; LIU QINGXIA ; RANDALL BRIAN ; WILSON JOHN W ; SHAKE MICHAEL P ; LU RUNHAI ; TRACY SHARON L ; PETERSEN BRUCE L ; PETERSEN BRUCE LYNN ; WITTBOLD JAMES R ; BLACKBURN DAVID R ; FALL JOHN L ; JUNAJTED STEHJTS DZHIPSUM KOMPANI ; LEE CHRIS ; LETTKEMAN DENNIS M ; LI ALFRED

Assignee(s): UNITED STATES GYPSUM COMPANY

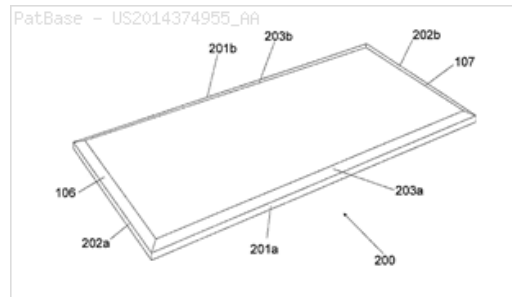
Inventor(s): (std): BLACKBURN DAVID ; BLACKBURN DAVID R ; ALFRED LI ; BLEHKBERN DEHVID R ; BRIAN RANDALL ; CHRIS LEE ; FALL JOHN L ; L U TSYSNIA ; LEE CHRIS ; LETTKEMAN DEHNIS M ; LI ALFRED ; LI FIVE TIGER ; LIU QING XIA ; LIU QINGXIA ; LIU QUINGXIA ; LETTKEMAN DENNIS ; LETTKEMAN DENNIS M ; LIU TSINSIA ; LUI QINGXIA ; LYNN PETERSEN BRUCE ; PETERSEN BRUCE L ; PETERSEN BRUCE LYNN ; LU RUNHAI ; QINGXIA LIU ; RANDALL BRIAN ; RANDALL BRIAN S ; REHNDALL BRAJAN ; SHAKE MICHAEL P ; SHEJK MAJKL P ; RUNHAI LU ; TRACY SHARON L ; WILSON JOHN V ; WILSON JOHN W ; UILSON DZHON V ; WITTBOLD JAMES R

Inventor(s): WILSON JOHN ; WITTBOLD ; WITTBOLD JAMES ; ALFRED ; SHAKE MICHAEL ; TRACY ; TRACY SHARON ; SHARON L ; SHARON L TRACY ; RUNHAI ; QINGXIA LUI ; QINGXIA ; MICHAEL P SHAKE ; PETERSEN ; PETERSEN BRUCE ; LU ; LI ; LIU ; JAMES R ; JAMES R WITTBOLD ; JOHN L FALL ; JOHN W WILSON ; DAVID R ; DAVID R BLACKBURN ; DENNIS M LETTKEMAN ; F ; FALL JOHN ; BRIAN S RANDALL ; BRUCE L PETERSEN ; BRUCE LYNN ; BRUCE LYNN PETERSEN ; BLACKBURN ; BLACKNURN DAVID R

Agent(s): GRIFFITH HACK ; WATERMARK PATENT AND TRADE MARKS ATTORNEYS ; WATERMARK INTELLECTUAL PROPERTY PTY LTD ; CULLENS PATENT AND TRADE MARK ATTORNEYS ; CULLENS PTY LTD ; SPRUSON AND FERGUSON ; MACRAE AND CO ; JOHANSSON AND LANGLOIS ; JOHANSSON ; DANILO ROMERO RAAD ; JOHNSON TERENCE LESLIE ; PONTET BERNARD ; SCHUETTE HARTMUT ; GREER BURNS AND CRAIN LTD ; PRADIP ; DAVID F ; PHILIP T ; MICKELSON CAROLE A

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 YU ZA ZM ZW

JP F-Index: B28B11/10



Publication number	Publication date	Application number	Application date
AU2012351647 AA	20130620	AU20120351647	20121213
AU2012351647 BB	20160901	AU20120351647	20121213
BR112014014561 A2	20170613	BR20141114561	20121213
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CA2860912 AA	20140710	CA20122860912	20121213
CN104144773 A	20141112	CN201280068263	20121213
CN104144773 B	20170412	CN201280068263	20121213
DE602012014876 D1	20160407	DE201260014876T	20120723
DK2604402 T3	20160530	DK20120290248T	20120723
EP2604401 A1	20130619	EP20110290582	20111215
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EP2604402 B1	20160224	EP20120290248	20120723
ES2570367 T3	20160518	ES20120290248T	20120723
GC6117 A	20170827	GC2012P023066	20121215
HK1199225 A1	20150626	HK20140112807	20141223
HR20160534 T1	20160701	HR20160000534	20160519
HU028934 T2	20170130	HU20120290248T	20120723
IN01426MN2014 A	20150403	IN2014MN01426	20140715
JP2015500752 T2	20150108	JP20140546505T	20121213
JP6139556 B2	20170531	JP20140546505T	20121213
KR20140119026 A	20141008	KR20147019660	20121213
NZ627442 A	20160129	NZ20120627442	20121213
PL2604402 T3	20160930	PL20120290248T	20120723
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RU2014128892 A	20160210	RU20140128892	20121213
RU2607001 C2	20170110	RU20140128892	20121213
SG11201404060X A1	20141030	SG201411104060	20121213
SI2604402 T1	20160729	SI20120030543	20120723
TH144196 A	20151209	TH20141003328	20121213
US2014374955 AA	20141225	US20120365412	20121213
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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN 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 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: FIRE RESISTANT CALCIUM SULPHATE-BASED PRODUCTS

Abstract: The present invention provides a calcium sulphate-based product (e.g. a wall board) comprising gypsum and silicone oil. The product may be produced by drying an aqueous slurry comprising calcined gypsum and the silicone oil. The silicone oil is included in the slurry in an amount greater than 10 wt percent which results in a product have greater than 8.5 wt percent silicone oil. This improves structural integrity of the wallboard after exposure to elevated temperatures.

Classifications:

International (IPC 8-9): C01F11/46 C04B C04B111/00 C04B111/28 C04B14/42 C04B24/40 C04B24/42 C04B26/32

C04B28/14 C09K21/02 E04B1/94 E04C2/04 (Advanced/Invention);

C04B111/00 C04B111/28 C08G77/04 (Advanced/Non-invention);

C04B111/00 C04B111/28 C04B28/14 (Core/Invention);

C04B (Subclass/Invention)

CPC: C04B14/42 C04B24/42 C01F11/46 C08G77/04 C04B28/14 C04B2111/00612 C04B2111/28

JP F-Term: 4G112 4G112/PA17 4G112/PB41

JP F-Index: C04B14/42/Z C04B24/40 C04B28/14

Family:

Publication number	Publication date	Application number	Application date
AR102745 AA	20170322	AR2015P103808	20151120
AU2015348620 AA	20160526	AU20150348620	20151117
BR112017010620 A2	20180214	BR20171110620	20151117
CA2967527 AA	20170511	CA20152967527	20151117
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CN107108365 A	20170829	CN201580062130	20151117
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GB201420770 A0	20150107	GB20140020770	20141121
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IL252227 A0	20170731	IL20150252227	20151117
IN201717021565 A	20171215	IN201717021565	20170620
JP2017535507 T2	20171130	JP20170527553T	20151117
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MX2017006489 A1	20180111	MX20170006489	20151117
PE16602017 A1	20171115	PE20170000880	20151117
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SG11201704009V A1	20170629	SG20171104009	20151117
TH175519 A	20180419	TH20171002726	20151117
TW201627486 A	20160801	TW20150138266	20151119
US2017334782 AA	20171123	US20150524127	20151117
WO16079101 A1	20160526	WO2015EP76788	20151117

Priority:

GB20140020770 20141121 WO2015EP76788 20151117

Probable Assignee: SAINT GOBAIN PLACO

Assignee(s): (std): BPB UNITED KINGDOM LTD ; SAINT GOBAIN PLACO ; SAINT GOBAIN PLACO SAS

Assignee(s): BROOKS LAURA ; FISHER ROBIN ; RIDEOUT JAN

Inventor(s): (std): BROOKS LAURA ; FISHER ROBIN ; JAN RIDEOUT ; LAURA BROOKS ; RIDEOUT JAN ; ROBIN FISHER

Agent(s): FOUNDRY INTELLECTUAL PROPERTY PTY LTD; CONNEELY PROFESSIONAL CORP; ESTUDIO CAREY LTDA; JOSE ANDRES RINCON USCATEGUI; OXLEY RACHEL LOUISE; MUHAMMAD FAISAL; ONO SHINJIRO; YAMAMOTO OSAMU; MIYAMAE TORU; NAKANISHI MOTOHARU; MATSUMOTO KEN; OXLEY RACHEL 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

Title: FIRE-RESISTANT CALCIUM SULPHATE-BASED PRODUCTS

Abstract: The present invention provides calcium sulphate-based product having reduced shrinkage after exposure to high temperatures, the product comprising **gypsum**, a pozzolan source (e.g. in an amount between 4-27 wt percent) and a metal salt **additive** (in an amount between 0.5 and 10 wt percent). The pozzolan source may be selected from a kaolinitic clay material, fly ash, rice husk ash, diatomaceous earths, volcanic ashes and pumices, micro-silica, silica fume and **silicone oil**. The metal salt **additive** may be a metal salt which decomposes between a temperature of 300-500 degrees centigrade to yield a metal oxide, e.g. magnesium nitrate.

Classifications:

International (IPC 8-9): C04B C04B111/28 C04B111/34 C04B14/04 C04B14/10 C04B22/08 C04B24/42 C04B28/14

C09K21/02 E04B1/94 E04C2/04 (Advanced/Invention);

C04B111/28 C04B111/34 (Advanced/Non-invention);

C04B28/14 (Core/Invention);

C04B (Subclass/Invention)

CPC: Y02W30/92 Y02W30/94 C04B14/106 C04B22/085 C04B2111/00551 C04B24/42 C04B28/14 C04B2111/28 C04B2111/34

JP F-Term: 4G112 4G112/PA03 4G112/PA05 4G112/PA27 4G112/PA28 4G112/PB07

JP F-Index: C04B28/14

Family:

Publication number	Publication date	Application number	Application date
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EP3221273 A1	20170927	EP20150794946	20151117
GB201420766 A0	20150107	GB20140020766	20141121
ID201803963 A	20180420	ID2017AID04101	20151117
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WO16079098 A1	20160526	WO2015EP76785	20151117

Priority:

GB20140020766 20141121 WO2015EP76785 20151117

Probable Assignee: SAINT GOBAIN PLACO

Assignee(s): (std): BPB UNITED KINGDOM LTD ; SAINT GOBAIN PLACO

Assignee(s): BROOKS LAURA ; FISHER ROBIN ; RIDEOUT JAN

Inventor(s): (std): BROOKS LAURA ; FISHER ROBIN ; JAN RIDEOUT ; LAURA BROOKS ; RIDEOUT JAN ; ROBIN FISHER

Agent(s): FOUNDRY INTELLECTUAL PROPERTY PTY LTD; CONNEELY PROFESSIONAL CORP; OXLEY RACHEL LOUISE; MUHAMMAD FAISAL; ONO SHINJIRO; YAMAMOTO OSAMU; MIYAMAE TORU; NAKANISHI MOTOHARU; MATSUMOTO KEN; OXLEY RACHEL 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

Title: WATERPROOF SILICONE EMULSION, WATERPROOF BOARD EXHIBITING EXCELLENT CRACK RESISTANCE, AND MANUFACTURING METHOD THEREFOR

Abstract: Embodiments relate to a waterproof silicone emulsion, a waterproof board exhibiting excellent crack resistance, and a manufacturing method therefor and, more specifically, to a waterproof silicone emulsion including a silicone oil and an emulsifier, a waterproof board including a cured product of an aqueous gypsum slurry, and a manufacturing method therefor. The aqueous gypsum slurry includes calcium sulfate hemihydrate, a silicone oil and a specific catalyst, and exhibits excellent crack resistance and a low total absorbance.

Classifications:

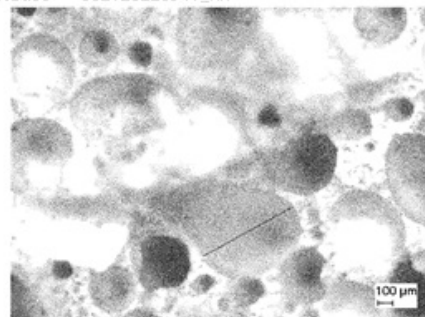
International (IPC 8-9): C04B14/26 C04B14/36 C04B24/12 C04B24/16 C04B24/32 C04B24/42 C04B26/30 C04B28/14 C08G77/04 C08G77/12 C08J3/02 C08J3/07 C08L83/04 C09K3/18 E04B1/64 E04C2/04 E04C2/288 E04C2/52 (Advanced/Invention)

CPC: C08J3/02 C08G77/04 E04C2/2885 E04C2/526 C04B14/365 C04B2111/27 C08G77/12 C08J3/07 C08L83/04 C04B14/36 C04B26/30 C09K3/18 E04B1/64 E04C2/04 E04C2/288 E04C2/52 C04B28/14 C04B2111/343

JP F-Term: 2E162 2E162/CA16 2E162/CA18 2E162/DA06 2E162/DA07 2E162/FD08 4F070 4F070/AA60 4F070/AC76 4F070/AC83 4F070/AE14 4F070/CB03 4F070/CB13 4G112 4G112/PA10 4G112/PB20 4G112/PB22 4G112/PB36 4G112/PB41

JP F-Index: C04B14/26 C04B24/12/A C04B24/16 C04B24/32/A C04B24/42/A C04B28/14 C08J3/07/CFH E04C2/04/F

PatBase - US2018118940_AA



Family:

Publication number	Publication date	Application number	Application date
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WO17003155 A1	20170105	WO2016KR06901	20160628

Priority:

KR20150092369 20150629 KR20150092370 20150629 WO2016KR06901 20160628

Probable Assignee: KCC CORPORATION

Assignee(s): (std): KCC CORP ; KCC GROUP

Assignee(s): KCC CORPORATION

Inventor(s): (std): PARK SOO HWAN ; PARK JONG HYUN ; KO TAE HO ; KANG KYOUNG HOON ; HUR KYONG BOK

Agent(s): CABINET LAURENT AND CHARRAS; HANSUNG INTELLECTUAL PROPERTY

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 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

Abstract: A plasterboard having a plaster-based core, wherein the plasterboard is provided on at least one of its sides with a glass-fiber mat facing, the mat facing being coated on an external face with a coating composition including a mineral filler, with the exception of hydratable calcium sulphates; and an organic or mineral binder.

PatBase - UA74840 C2

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UA 74840 C2

Publication number	Publication date	Application number	Application date
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AU2001276441 BB	20060202	AU20010276441	20010712
AU200176441 A1	20020130	AU20010076441	20010712
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ZA200300402 A	20031003	ZA20030000402	20030115

FR20000009395 20000718 EP20010954089 20010712 WO2001FR02268 20010712
WO2001FR02268 20030117

Inventor(s): (std) C LECLERCQ ; CLAUDE LECLERCQ ; LECLERCQ C ; LECLERCQ CLAUDE ; LECLERQ CLAUDE ; LEKLERK KLOD

Inventor(s): LECLERCQ ; CLAUDE
Agent(s): SPRUSON AND FERGUSON; GOWLING LAFLEUR HENDERSON LLP; ALESSANDRI; POCHART FRANCOIS;
ISERN JORGE
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
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SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: WATER-RESISTANT BUILDING MATERIAL

Abstract: The present invention relates to a water-resistant building material which comprises: 0.2 to 6 percent by weight of water-proofing **additive**; 0.5 to 10 percent by weight of fly ash; 0 to 5 percent by weight of Portland cement; and the balance being **gypsum** and optionally at least one other **additive**, all of the above percentages by weight being based on the weight of the total composition. The present invention also provides a method for producing the water-resistant building material and a water-resistant plasterboard construction containing the water-resistant building material.

Classifications:

International (IPC 8-9): B32B13/08 B32B13/14 C04B18/08
C04B24/00 C04B28/14 E04C2/04 (Advanced/Invention);
B32B13/00 C04B18/04 C04B24/00 C04B28/00
E04C2/04 (Core/Invention)

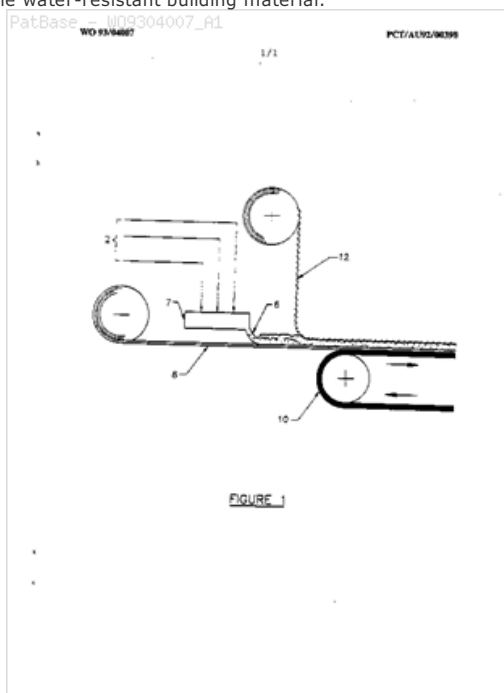
International (IPC 1-7): B32B13/02 B32B13/08 B32B13/14
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CPC: Y02W30/92 Y02W30/97 C04B28/14 C04B2111/00612

C04B2111/27 B32B13/08 B32B2250/40 B32B2262/0253

B32B2262/04 B32B2307/7265 B32B2607/00 B32B13/14

European: B32B13/14 C04B28/14 M04B111/00T6 M04B111/27



Family:

Publication number	Publication date	Application number	Application date
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Priority:

AU1991PK07734 19910813 AU1991PK09609 19911122 AU19920023857 19920803
WO1992AU00398 19920803 WO1992AU00398 19920803

Probable Assignee: BORAL AUSTRALIAN GYPSUM LTD

Assignee(s): (std): AUSTRALIAN GYPSUM ; BORAL AUSTRALIAN GYPSUM LIMITE

Assignee(s): BORAL AUSTRALIAN GYPSUM LIMITED ; BORAL AUSTRALIAN GYPSUM LTD

Inventor(s): (std): RICHARDS COLIN DAVID ; BROWN GRAEME ALEXANDER ; KOJIC DRAGAN

Inventor(s): COLIN DAVID RICHARDS ; DRAGAN KOJIC ; GRAEME ALEXANDER BROWN

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD

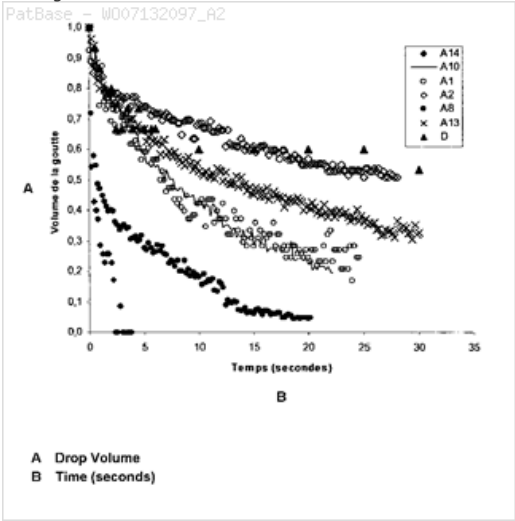
Designated states: AT AU BE CH DE DK ES FR GB GR IE IT LI LU MC NL SE US

Title: HYDROPHOBIC POINTING MATERIAL, METHOD FOR MAKING SAME AND METHOD FOR BUILDING A STRUCTURE

Abstract: The invention concerns a pointing material in powder form including microcapsules that comprise a shell containing a material that reacts with water, as well as a core comprising a hydrophobic agent. The invention also concerns a method for making said material and a method for building a structure using same.

Classifications:

International (ipc 8-9): C04B26/00 C04B26/02 C04B40/00 E04F13/07 E04F13/076 (Advanced/Invention); C04B26/00 C04B40/00 E04F13/07 E04F13/076 (Core/Invention)
CPC: C04B20/1011 C04B28/147 C04B40/0641 C04B2103/65 C04B2111/00672
European: C04B20/10A4 C04B28/14H4 C04B40/06D M04B103/65 M04B111/00T10B



Family:

Publication number	Publication date	Application number	Application date
FR2901269 A1	20071123	FR20060004397	20060517
FR2901269 B1	20080808	FR20060004397	20060517
WO07132097 A2	20071122	WO2007FR00833	20070516
WO07132097 A3	20080327	WO2007FR00833	20070516

Priority:

FR20060004397 20060517

Probable Assignee: LAFARGE PLATRES

Assignee(s): (std): FAURE JEAN MICHEL ; LAFARGE PLATRES

Inventor(s): (std): FAURE JEAN MICHEL

Inventor(s): JEAN MICHEL FAURE

Agent(s): LAFARGE

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 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 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