

Search history

Search step	Result(s)	Query
11	49	10 AND 9
10	49310124	PD<20150526
9	82	7 AND BOARD/AB/CLMS/ICLM/TI/TX
8	0	7 AND 1
7	160	6 AND 5
6	166	2 AND 3 AND 4
5	7848863	(COMPOSITION OR BLEND O MIX+)/AB/CLMS/ICLM/TI/TX
4	5238	((POLYNAPHTHALENE D1 SULPHONATE) OR (POLYMELAMINE D1 SULPHONATE) OR POLYNAPHTHALENE)/AB/CLMS/ICLM/TI/TX
3	430887	(DESULPHOGYPSUM OR PLASTER OR ((CALCIUM SULFATE) 1D HEMIHYDRATE) OR ((CALCIUM 1D SULFATE) 1D SEMIHYDRATE) OR (CALCIUM 1D SULFATE) OR STUCCO OR (PLASTER 1D PARIS))/AB/CLMS/ICLM/TI/TX
2	985285	(STARCH OR HYDROLYSED STARCH OR OXYDYGROLYSED)/AB/CLMS/ICLM/TI/TX
1	6399	((GYMSUM 1D BOARD) OR (CEILING 1D BOARD))/AB/CLMS/ICLM

10 Documents

Publication numbers	Title	Current assignees
US20060278133 A1	Low weight and density fire-resistant gypsum panel	UNITED STATES GYPSUM (USG)
CA2927337 A1	Struvite-k and syngenite composition for use in building materials	CERTAINTEED
TW201514123 A	Gypsum wallboard produced using a high water-to-stucco ratio	UNITED STATES GYPSUM (USG)
US20140113128 A1	Method of preparing pregelatinized, partially hydrolyzed starch and related methods and products	UNITED STATES GYPSUM (USG)
WO201027920 A2	Efficient wet starch preparation system for gypsum board production	UNITED STATES GYPSUM (USG)
CA2871424 A1	Dimensionally stable geopolymer composition and method	UNITED STATES GYPSUM (USG)
CA2893451 A1	Composition for gypsum boards and obtained products	CERTAINTEED
WO200801790 A1	Thermoplastic resin composition and molded article thereof	TORAY INDUSTRIES
EP2747091 A1	Talc composition	CNRS - CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, ...
WO200314224 A1	Resin composition and molded article, film and fiber each comprising the same	TORAY INDUSTRIES

US20060278133	A1	2006-12-14	US20060278133				
US20060278132	A1	2006-12-14	US20060278132				
CA2816891	A1	2006-12-21	CA2816891				
WO2006135707	A2	2006-12-21	WO2006135707				
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WO2006135613	A3	2007-10-25	WO2006135613				
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IN309690	B	2019-03-22	IN-309690



Abstract

(EP3147268)

An about 5/8 inch to 3/4 inch thick low weight, low density gypsum panel with fire resistance capabilities sufficient to provide a Thermal Insulation Index of at least 17.0 minutes which when subjected to U419 test procedures will not fail for at least 30 minutes and, in selected embodiments, also has outstanding water resistance properties.

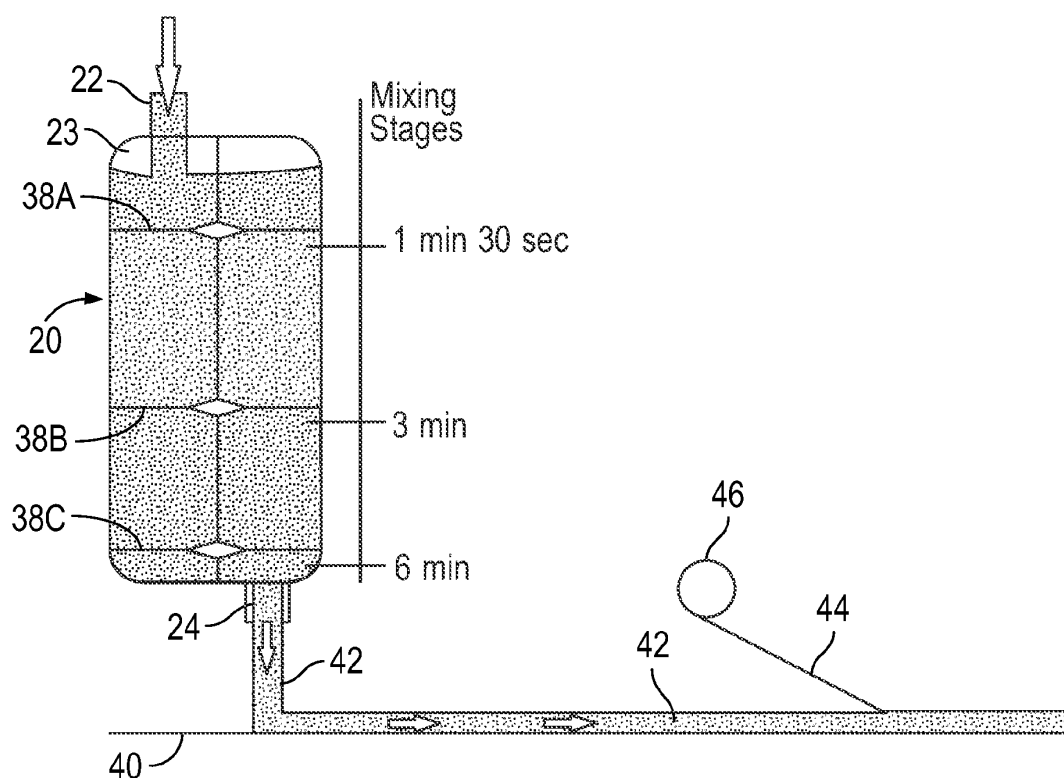
Family 2/10 - FAMPAT - ©Questel

Title

(EP3057921)

Struvite-k and syngenite composition for use in building materials

Images



Publication data including kind & date

CA2927337	A1	2015-04-23	CA2927337
WO2015057732	A1	2015-04-23	WO201557732
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RU2683837	C2	2019-04-02	RU2683837				

Abstract

(EP3057921)

A composition and process for manufacture thereof used in hybrid inventive building materials comprising Syngenite ($\text{K}_2\text{Ca}(\text{SO}_4)_2 \cdot \text{H}_2\text{O}$) and Struvite-K ($\text{KMgPO}_4 \cdot 6\text{H}_2\text{O}$). Starting constituents include magnesium oxide (MgO), monopotassium phosphate (MKP) and **stucco** (calcium sulfate hemihydrate), mixed in predetermined ratios, cause reactions to proceed through multiple phases, which reactions variously are proceeding simultaneously and in parallel. Variables, e.g., water temperature, pH, mixing times and rates, have been found to affect resultant reaction products. Preferred ratios of chemical constituents and manufacturing parameters, including predetermined weight percent and specified ratios of Struvite-K and Syngenite are provided for building products used for specified purposes. Reactions are optimized in stoichiometry and additives to reduce the combined heat of formation to non-destructive levels. Various additives help control and guide reactions. Building products, such as **board** panels, include the resultant composition. A significant amount of the composition is disposed adjacent a building panel face.

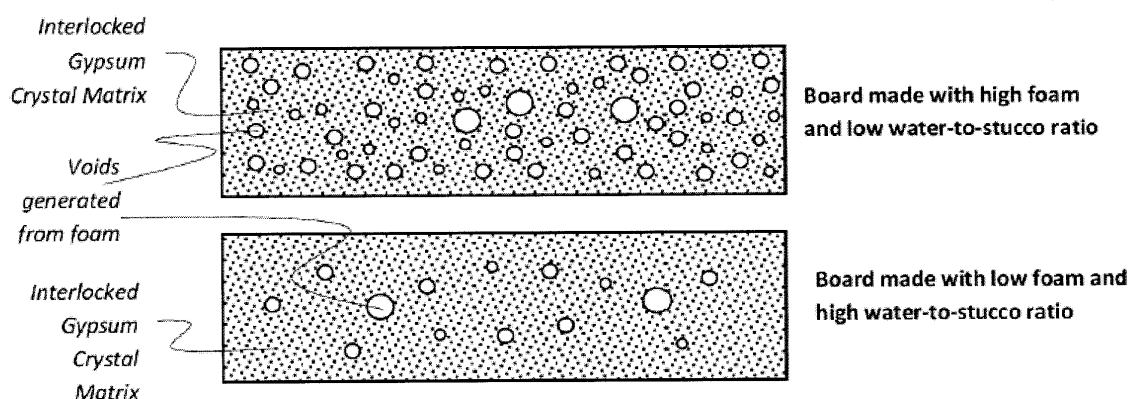
Family 3/10 - FAMPAT - ©Questel

Title

(EP3057919)

Gypsum wallboard produced using a high water-to-**stucco** ratio

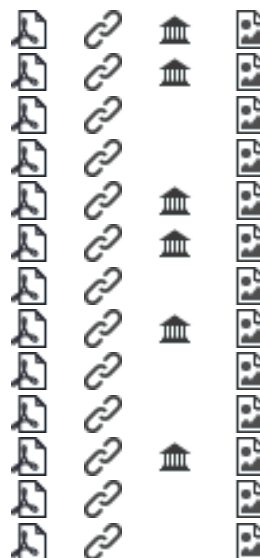
Images



Publication data including kind & date

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BR112016007522	A2	2017-08-01	BR112016007522
RU2016115595	A	2017-11-20	RU2016115595
RU2016115595	A3	2018-08-27	RU2016115595



Abstract

(EP3057919)

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.

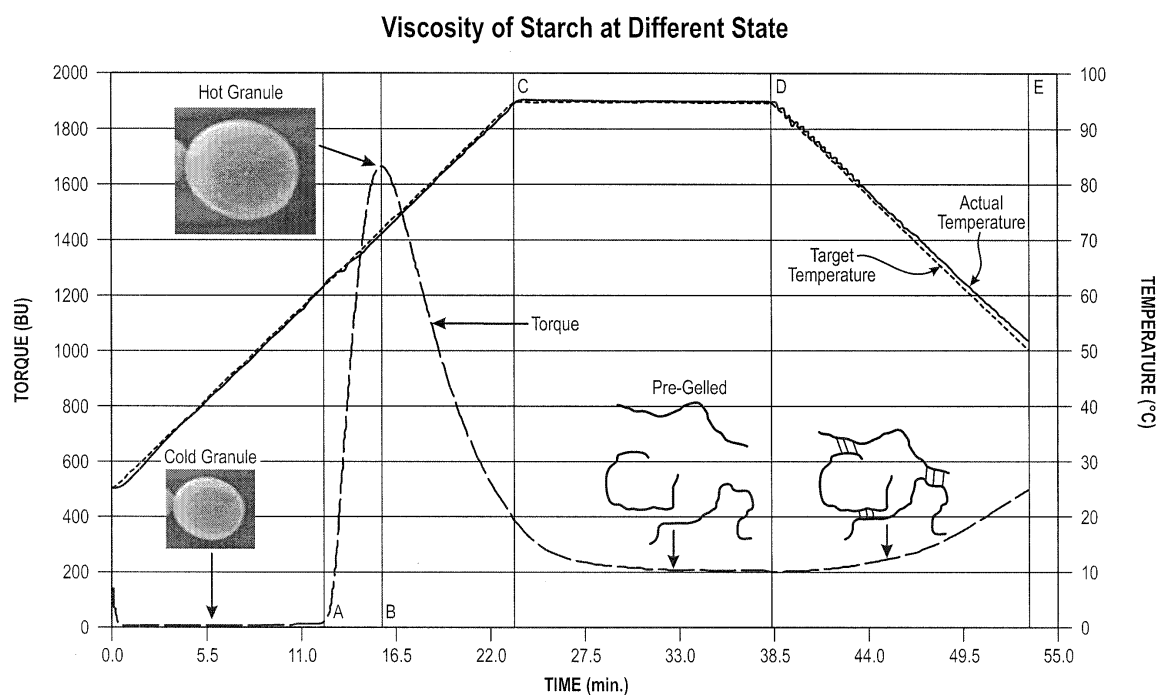
Family 4/10 - FAMPAT - ©Questel

Title

(EP3052527)

Method of preparing pregelatinized, partially hydrolyzed **starch** and related methods and products

Images



Publication data including kind & date

US20140113128	A1	2014-04-24	US20140113128
US20140113124	A1	2014-04-24	US20140113124



CA2887346	A1	2014-05-01	CA2887346				
TW201416225	A	2014-05-01	TW201416225				
WO2014/066079	A2	2014-05-01	WO201466079				
US20150010767	A1	2015-01-08	US20150010767				
CA2925619	A1	2015-04-09	CA2925619				
WO2015050804	A1	2015-04-09	WO201550804				
TW201514315	A	2015-04-16	TW201514315				
BR112015008774	A1	2015-04-28	BR112015008774				
AR093072	A1	2015-05-13	AR--93072				
AU2013335106	A1	2015-05-21	AU2013335106				
KR20150077437	A	2015-07-07	KR20150077437				
MX2015004978	A	2015-07-17	MX2015004978				
PE10332015	A1	2015-08-19	PE201501033				
EP2912071	A2	2015-09-02	EP2912071				
CL2015000989	A1	2015-09-04	CL0989201500				
VN43737	A	2015-09-25	VN--43737				
WO2014/066079	A3	2015-10-08	WO201466079				
IN3612/DELNP/2015	A	2015-11-20	IN2015DN03612				
CN105121475	A	2015-12-02	CN105121475				
JP2016500639	A	2016-01-14	JP2016500639				
ZA201503140	B	2016-01-27	ZA201503140				
BR112016007044	A1	2016-04-12	BR112016007044				
AR097880	A1	2016-04-20	AR--97880				
AU2014329817	A1	2016-05-05	AU2014329817				
KR20160065869	A	2016-06-09	KR20160065869				
MX2016004060	A	2016-06-22	MX2016004060				
VN47764	A	2016-06-27	VN--47764				
CN105722861	A	2016-06-29	CN105722861				
PE06672016	A1	2016-07-09	PE201600667				
EP3052527	A1	2016-08-10	EP3052527				
IN201617012883	A	2016-08-31	IN201617012883				
CL2016000722	A1	2016-10-21	CL0722201600				
JP2016535116	A	2016-11-10	JP2016535116				
RU2015117913	A	2016-12-10	RU2015117913				
US9540810	B2	2017-01-10	US9540810				
TH159395	A	2017-01-18	TH-159395				
US20170073272	A1	2017-03-16	US20170073272				
CN106673579	A	2017-05-17	CN106673579				
BR112015008774	A2	2017-07-04	BR112015008774				
BR112016007044	A2	2017-08-01	BR112016007044				
RU2016114846	A	2017-10-23	RU2016114846				
US9828441	B2	2017-11-28	US9828441				
RU2641350	C2	2018-01-17	RU2641350				
US20180037671	A1	2018-02-08	US20180037671				
AU2013335106	B2	2018-03-08	AU2013335106				
CN105121475	B	2018-04-13	CN105121475B				
RU2016114846	A3	2018-05-10	RU2016114846				
TWI623418	B	2018-05-11	TWI623418				

AU2018203602	A1	2018-06-14	AU2018203602				
JP6346186	B2	2018-06-20	JP6346186				
JP2018150237	A	2018-09-27	JP2018150237				
TWI638050	B	2018-10-11	TWI638050				
RU2671467	C2	2018-10-31	RU2671467				
CN105722861	B	2018-11-02	CN105722861B				
US20180339944	A1	2018-11-29	US20180339944				
AU2014329817	B2	2018-11-29	AU2014329817				
AU2014329817	B9	2018-12-13	AU2014329817				
AU2014329817	B9	2019-01-03	AU2014329817				
AU2018279047	A1	2019-01-17	AU2018279047				
UA118570	C2	2019-02-11	UA-118570				
RU2018137709	A	2019-03-22	RU2018137709				
CN109721661	A	2019-05-07	CN109721661				

Abstract

(EP3052527)

Disclosed are methods relating to an extruded pregelatinized, partially hydrolyzed starch prepared by mixing at least water, non-pregelatinized starch, and acid to form a starch precursor. The acid can be a weak acid that substantially avoids chelating calcium ions or a strong acid in a small amount. In the method, pregelatinization and acid-modification of the starch precursor occurs in one step in an extruder. Also disclosed are methods of preparing board using the starch prepared according to the methods, as well as starches and boards prepared by various methods of the invention.

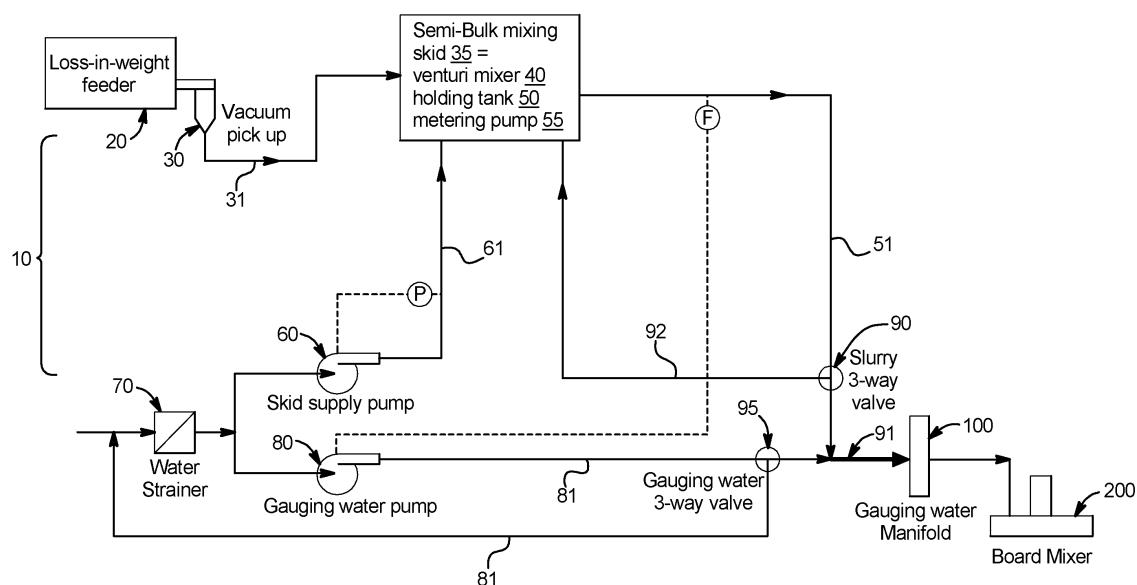
Family 5/10 - FAMPAT - ©Questel

Title

(EP2326473)

Efficient wet starch preparation system for gypsum board production

Images



Publication data including kind & date

WO2010027920	A2	2010-03-11	WO201027920				
CA2736224	A1	2010-03-11	CA2736224				
AU2009288199	A1	2010-03-11	AU2009288199				

US20100061180	A1	2010-03-11	US20100061180				
WO2010027920	A3	2010-06-03	WO201027920				
MX2011002178	A	2011-04-12	MX2011002178				
IL211159	A	2011-04-28	IL-211159				
KR20110052715	A	2011-05-18	KR20110052715				
EP2326473	A2	2011-06-01	EP2326473				
CN102143830	A	2011-08-03	CN102143830				
EA201100457	A1	2011-08-30	EA201100457				
VN27365	A	2011-09-25	VN--27365				
CO6341587	A2	2011-11-21	CO6341587				
IN2178/CHENP/2011	A	2011-12-02	IN2011CN02178				
JP2012501884	A	2012-01-26	JP2012501884				
RU2011107833	A	2012-10-10	RU2011107833				
US8303159	B2	2012-11-06	US8303159				
NZ591365	A	2012-11-30	NZ-591365				
EP2326473	A4	2012-12-26	EP2326473				
UA102560	C2	2013-07-25	UA-102560				
CN102143830	B	2013-10-30	CN102143830B				
JP5474976	B2	2014-02-14	JP5474976				
AU2009288199	B2	2015-02-12	AU2009288199				
EA021447	B1	2015-06-30	EA--21447				
BRPI0918797	A2	2015-12-01	BR200918797				
KR101576516	B1	2015-12-10	KR101576516				
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MY158900	A	2016-11-30	MY-158900				
CA2736224	C	2017-03-07	CA2736224				
VN0020311	B	2019-01-25	VN--20311B				
EP2326473	B1	2019-03-06	EP2326473				

Abstract

(EP2326473)

The present invention provides a wet **starch** preparation system for gypsum wallboard comprising a loss-in-weight **starch** feeder, a venturi mixer, a vacuum pick-up unit for supplying the dry **starch** from the feeder at an adjustable rate to the venturi mixer, a first water pump for supplying water at an adjustable rate to the venturi mixer to form a **starch** pre-dispersion of from about 2% to about 10% by weight **starch** and a second water pump for supplying gauging water to the **starch** pre-dispersion, the system equipped with appropriate system controls. The present system provides more efficient use of **starch** such that the amount of pregelatinized **starch** is at least about 10% less than a system in which the **starch** is not pre-dispersed in water prior to the **board** mixer. The system can be used to make gypsum-containing products including gypsum wallboard having increased **board** strength and reduced **board** weight.

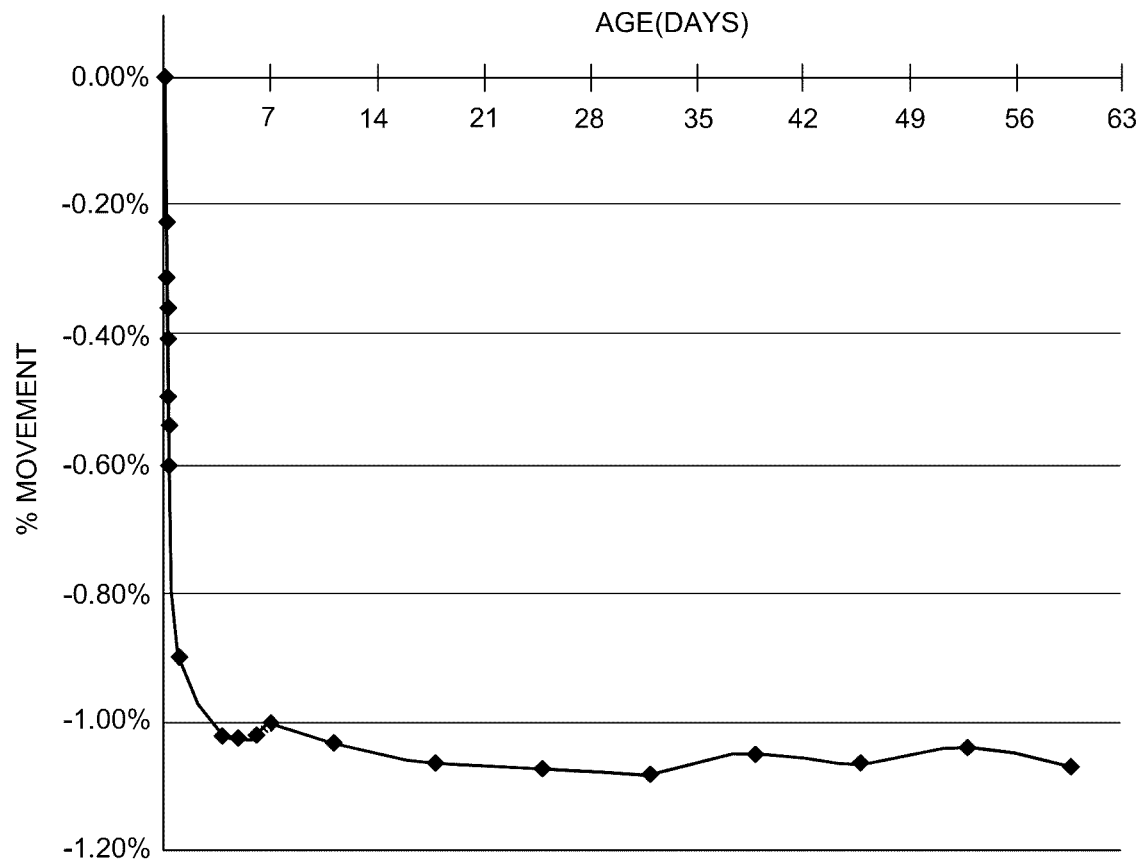
Family 6/10 - FAMPAT - ©Questel

Title

(EP2841389)

Dimensionally stable geopolymer composition and method

Images



Publication data including kind & date

CA2871424	A1	2013-10-31	CA2871424				
WO2013163009	A1	2013-10-31	WO2013163009				
US20130284070	A1	2013-10-31	US20130284070				
TW201343598	A	2013-11-01	TW201343598				
CO7131363	A2	2014-12-01	CO7131363				
BR112014025101	A1	2014-12-02	BR112014025101				
AU2013252685	A1	2014-12-04	AU2013252685				
CN104254504	A	2014-12-31	CN104254504				
MX2014012353	A	2015-01-12	MX2014012353				
PE23772014	A1	2015-01-16	PE201402377				
KR20150006853	A	2015-01-19	KR20150006853				
CL2014002903	A1	2015-02-06	CL2903201400				
EP2841389	A1	2015-03-04	EP2841389				
AR092315	A1	2015-04-15	AR--92315				
JP2015518462	A	2015-07-02	JP2015518462				
IN9637/DELNP/2014	A	2016-04-29	IN2014DN09637				
RU2014146124	A	2016-06-10	RU2014146124				
US20160214897	A1	2016-07-28	US20160214897				
AU2013252685	B2	2017-01-12	AU2013252685				
NZ702255	A	2017-04-28	NZ-702255				
US9656916	B2	2017-05-23	US9656916				
RU2622283	C2	2017-06-13	RU2622283				
BR112014025101	A2	2017-06-20	BR112014025101				
US20170174570	A1	2017-06-22	US20170174570				
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BR112014025101							

	A8	2017-07-25	BR112014025101				
CN104254504	B	2017-11-10	CN104254504B				
US9890082	B2	2018-02-13	US9890082				
JP6283659	B2	2018-02-21	JP6283659				
TWI619687	B	2018-04-01	TWI619687				

Abstract

(EP2841389)

A method for making geopolymer cementitious binder compositions for cementitious products such as concrete, precast construction elements and panels, mortar, patching materials for road repairs and other repair materials, and the like is disclosed. The geopolymer cementitious compositions of some embodiments are made by mixing a synergistic mixture of thermally activated aluminosilicate mineral, calcium sulfoaluminate cement, a calcium sulfate and a chemical activator with water.

Family 7/10 - FAMPAT - ©Questel

Title

(EP2935149)

Composition for gypsum boards and obtained products

Images

	참고 예 1	참고 예 2	참고 예 3	참고 예 4	예 1	예 2	예 3
질석		3	5	3	3	1.5	3
섬유				0.8		0.8	0.8
액화제				2.5		2.5	2.5
B1 sol					1	1	
ATH 3							5
R945	7.2	6.2	ND	4.9	4.4	3.9	4.0
R1049	18.6	13.5	ND	13.8	10.7	10.8	8.8

Publication data including kind & date

CA2893451	A1	2014-06-26	CA2893451				
WO2014096698	A1	2014-06-26	WO201496698				
FR3000059	A1	2014-06-27	FR3000059				
TW201437178	A	2014-10-01	TW201437178				
BR112015014144	A1	2015-06-30	BR112015014144				
AR094086	A1	2015-07-08	AR--94086				
SG11201504591P	A	2015-07-30	SG11201504591P				
AU2013366167	A1	2015-08-06	AU2013366167				
CN104854059	A	2015-08-19	CN104854059				
KR20150097534	A	2015-08-26	KR20150097534				
VN43867	A	2015-09-25	VN--43867				
CL2015001741	A1	2015-10-23	CL1741201500				
EP2935149	A1	2015-10-28	EP2935149				
US20150307397	A1	2015-10-29	US20150307397				
JP2016501821	A	2016-01-21	JP2016501821				

MX2015007966	A	2016-03-16	MX2015007966				
ZA201504356	B	2016-04-28	ZA201504356				
IN1490/MUMNP/2015	A	2016-05-27	IN2015MN01490				
HK1213871	A1	2016-07-15	HK1213871				
RU2015129693	A	2017-01-30	RU2015129693				
TH159976	A	2017-02-07	TH-159976				
BR112015014144	A2	2017-07-11	BR112015014144				
AU2013366167	B2	2017-07-20	AU2013366167				

Abstract

(EP2935149)

The invention relates to a gypsum-based composition, comprising nanometric boehmite and/or nanometric aluminum trihydroxide, this composition making it possible to obtain products with better dimensional stability at high, and in particular very high, temperatures. The invention also relates to the method for obtaining products and the products produced.

Family 8/10 - FAMPAT - ©Questel

Title

(EP2036952)

Thermoplastic resin composition and molded article thereof

Images

Fig. 1

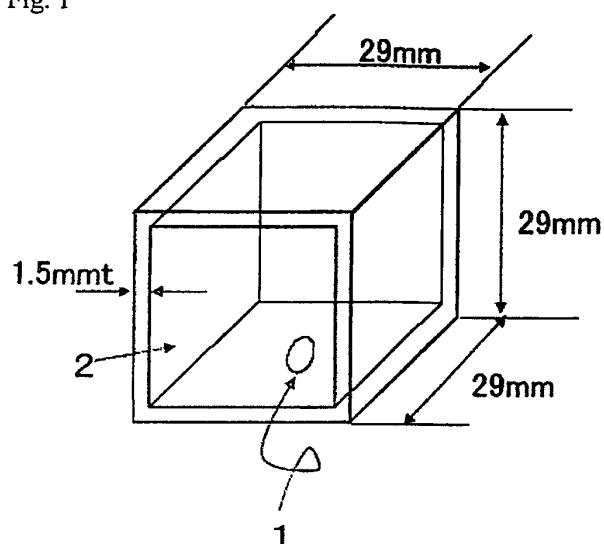


Fig. 2

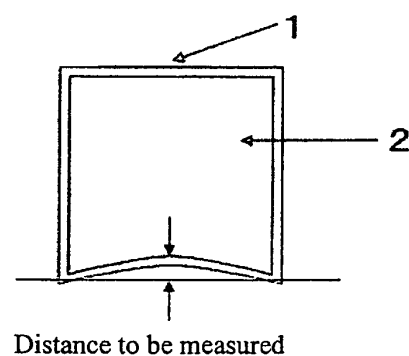
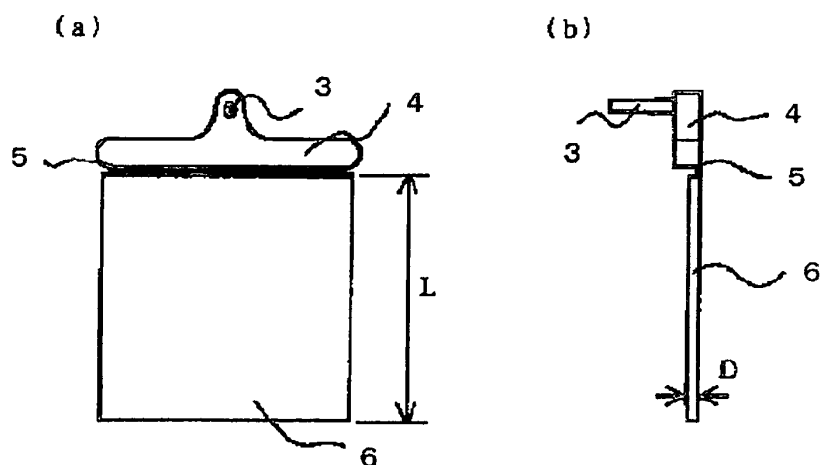


Fig. 3



Publication data including kind & date

WO2008001790	A1	2008-01-03	WO200801790
CA2655971	A1	2008-01-03	CA2655971
JP2008031439	A	2008-02-14	JP2008031439
TW200811238	A	2008-03-01	TW200811238
MX2008016314	A	2009-02-25	MX2008016314
EP2036952	A1	2009-03-18	EP2036952
KR20090031869	A	2009-03-30	KR20090031869
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CN101511944	A	2009-08-19	CN101511944
US20090275678	A1	2009-11-05	US20090275678
CN101511944	B	2011-08-24	CN101511944B
US8193264	B2	2012-06-05	US8193264
US20120149837	A1	2012-06-14	US20120149837
JP5169037	B2	2013-01-11	JP5169037
TWI414557	B	2013-11-11	TWI414557
CA2655971	C	2013-12-31	CA2655971
MY150503	A	2014-01-30	MY-150503



KR101372345	B1	2014-03-12	KR101372345
EP2036952	A4	2014-07-30	EP2036952
US9045631	B2	2015-06-02	US9045631
EP2036952	B1	2016-04-20	EP2036952

**Abstract**

(EP2036952)

This invention relates to a thermoplastic resin composition and a molded article thereof, respectively excellent in flowability and mechanical properties, and, in a preferred mode, also excellent in low warping property, laser transmittance and laser weldability, and provides a thermoplastic resin composition obtained by mixing (B) 0.1 to 4 parts by weight of a polyfunctional compound having three or more functional groups, in which at least one of the terminal structures having the functional groups is a structure containing alkylene oxide units, with (A) 100 parts by weight of a thermoplastic resin, and further provides a molded particle thereof. It is preferred that the (A) thermoplastic resin is one or more selected from a polyester resin and polycarbonate resin.

Family 9/10 - FAMPAT - ©Questel

Title

(EP2936501)

Talc composition

Images

FIGURE 1

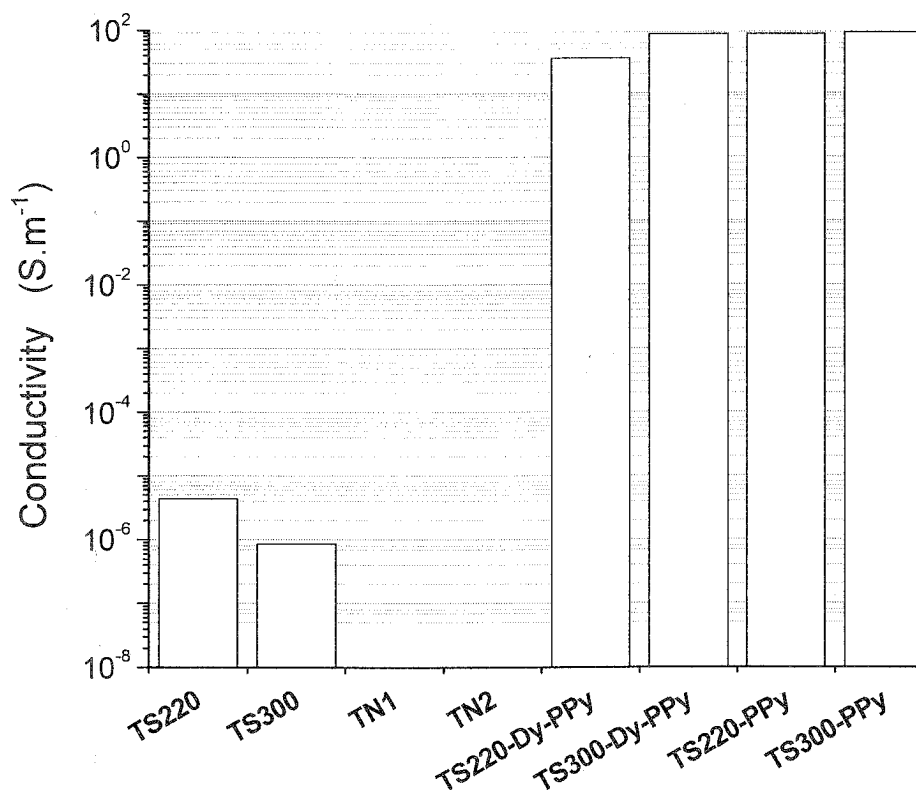
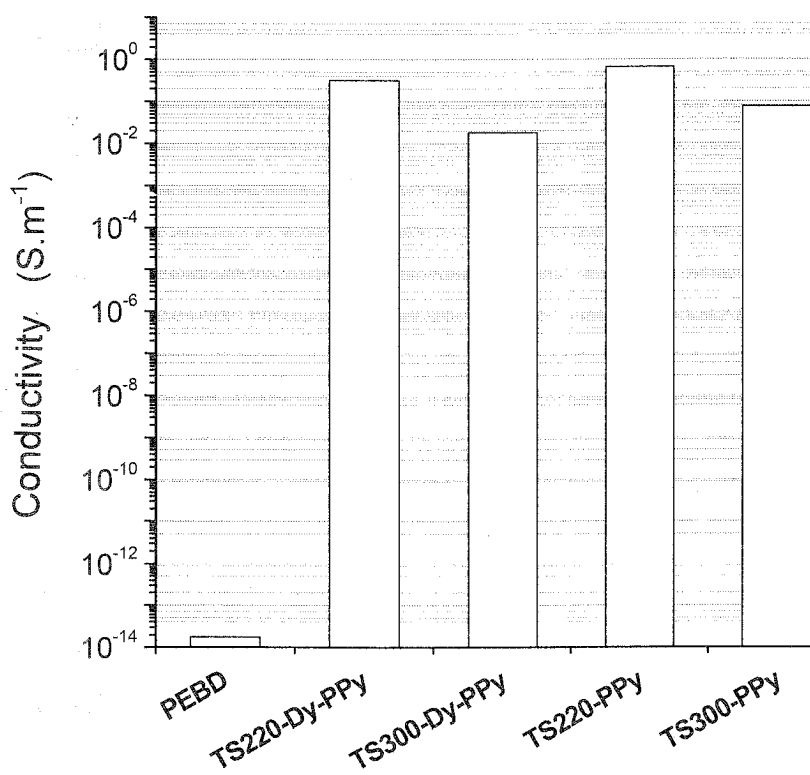


FIGURE 2



WO2014096203	A1	2014-06-26	WO201496203				
BR112015013997	A1	2015-08-18	BR112015013997				
KR20150097694	A	2015-08-26	KR20150097694				
CN104871253	A	2015-08-26	CN104871253				
EP2936501	A1	2015-10-28	EP2936501				
US20150318073	A1	2015-11-05	US20150318073				
JP2016508282	A	2016-03-17	JP2016508282				
BR112015013997	A2	2017-07-11	BR112015013997				
CN104871253	B	2018-04-24	CN104871253B				
JP6322212	B2	2018-05-09	JP6322212				

Abstract

(EP2936501)

The invention concerns an electrically conducting talc composition comprising synthetic talc particulate coated with an electrically conducting coating agent, wherein the coating agent may comprise carbon nanotubes or an electrically conductive polymeric material, such as a nanocarbon material, for example, carbon nanotubes. The invention further concerns a method of making an electrically conducting talc composition according to the invention comprising forming electrically conducting coating agent on or about particles of the talc particulate.

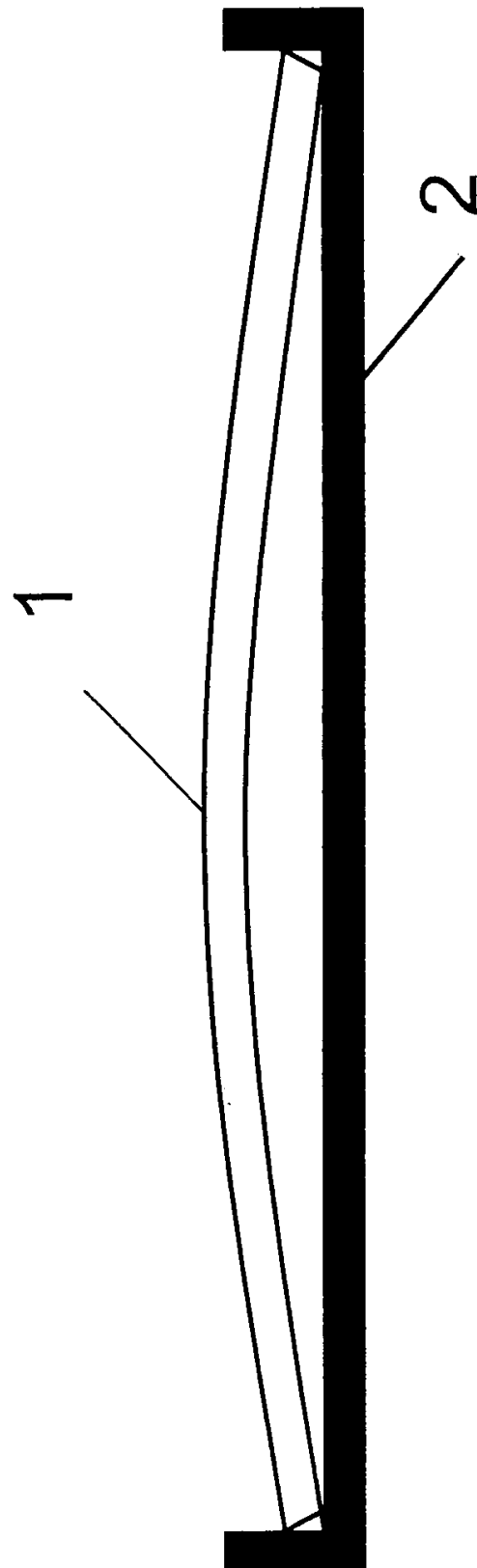
Family 10/10 - FAMPAT - ©Questel

Title

(EP1445282)

Resin composition and molded article, film and fiber each comprising the same

Images



Publication data including kind & date

WO03014224	A1	2003-02-20	WO200314224				
JP2003138119	A	2003-05-14	JP2003138119				
KR20040023701	A	2004-03-18	KR20040023701				
EP1445282	A1	2004-08-11	EP1445282				
EP1445282	A4	2004-11-24	EP1445282				
US20040242803	A1	2004-12-02	US20040242803				
CN1564848	A	2005-01-12	CN1564848				
CN1307259	C	2007-03-28	CN1307259C				
US7268190	B2	2007-09-11	US7268190				
US20070260019	A1	2007-11-08	US20070260019				
JP4045782	B2	2007-11-30	JP4045782				
KR100840219	B1	2008-06-23	KR100840219				
US7550541	B2	2009-06-23	US7550541				

Abstract

(EP1445282)

Disclosed are a resin composition comprising a polylactic acid resin and a polyacetal resin, and such a resin composition in which the polylactic acid resin and the polyacetal resin are kept miscible with each other. The resin composition has good moldability, workability, mechanical properties, heat resistance and transparency, and may be worked into moldings, films and fibers for practical use.