

18 Documents

Publication numbers	Title	Current assignees
NO200701631 A	Method for purification of calsium nitrate and products made thereof	YARA
WO2013131583 A1	Dry composition based on a mineral binder, used for preparing a moist formulation for the building industry	PAREXGROUP
WO2013131584 A1	Use of at least one superabsorbent polymer (psa) (b), in a dry composition based on a mineral binder and used for preparing a hardenable moist formulation for the building industry	PAREXGROUP
JP2006327865 A	Spray material and spraying method using it	DENKA
EP-903330 A2	Process for producing a concrete product	DENKA, ...
EP-409751 A1	New granulates and building materials, concrete pastes ready for use and construction elements obtained from these pastes.	APPLI 5
US20080196629 A1	Self-levelling, hydraulic compositions and use thereof	SHIN ETSU CHEMICAL
WO2013178560 A1	Method for the production of solid accelerators for construction material mixtures	CONSTRUCTION RESEARCH & TECHNOLOGY, ...
CA2818828 A1	Powdered accelerator	CONSTRUCTION RESEARCH & TECHNOLOGY
CA2905909 A1	Hydraulic composition with prolonged open time	AVOCA, ...
WO2013178417 A1	Pulverulent accelerator	CONSTRUCTION RESEARCH & TECHNOLOGY
WO201576874 A2	Improved alkyl hydroxyalkyl cellulose ethers, methods of making, and use in cements and mortars	HERCULES
JP2005213093 A	Chemical-releasable grain and cement composition containing the same	TAIHEIYO CEMENT, ...
WO2012160319 A1	Cement setting agent	SAINT GOBAIN WEBER
JP2014084260 A	Repair mortar for spray having low electric resistance and repair method using the same	DENKA
JP2005082432 A	Spray material and spray method using the same	DENKA
EP1288175 A2	Rapid hardening cement binder mixture	DYCKERHOFF
EP2468695 A1	Method for producing aggregates from cement compositions	MAPEI

Title

(WO2008118024)

Method for purification of calsium nitrate and products made thereof

Images

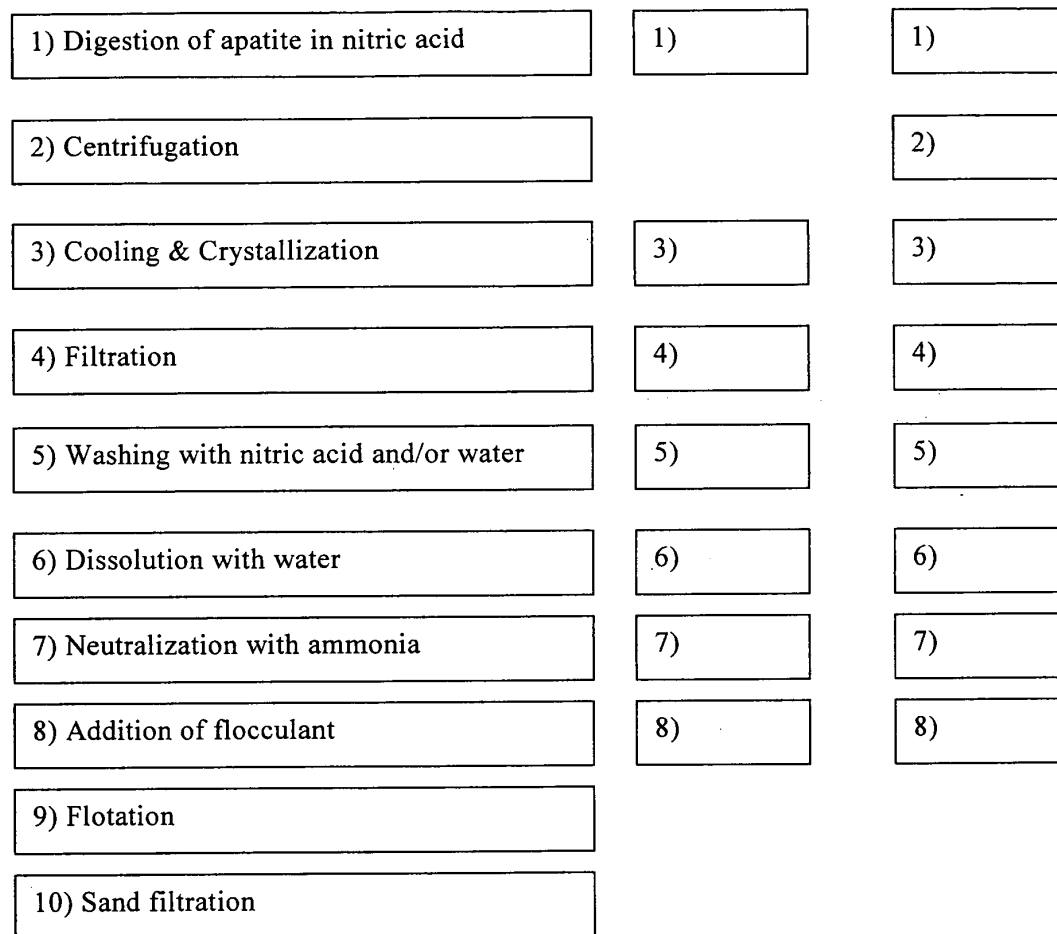


Fig. 1

Publication data including kind & date

NO20071631	A	2008-09-29	NO200701631
WO2008118024	A2	2008-10-02	WO2008118024
WO2008118024	A3	2008-12-31	WO2008118024
WO2008118024	A4	2009-02-26	WO2008118024
PT2008118024	W	2010-07-02	PT2008118024
RU2009137487	A	2011-05-10	RU2009137487
NO332007	B1	2012-05-21	NO-332007
RU2459765	C2	2012-08-27	RU2459765
RO125377	B1	2015-10-30	RO-125377



Abstract

(WO2008118024)

The present invention relates to a method to produce purified calcium nitrate. Due to introduction of a centrifugation stage at an early stage in the process, sedimentation of water insoluble particles is prevented on a later stage of the process such that flotation can effectively be performed. Sand filtration finalizes the purification process of the present invention and thereby the amount of impurities in the liquor is surprisingly decreased. By this continuous method it is possible to achieve

clearly purified calcium nitrate wherein the content of water insoluble particles is well below 150 ppm in solid calcium nitrate.

Inventors

ERIKSEN FRANK ROBERT

AUSTAD HANS KRISTIAN

Latest standardized assignees - inventors removed

YARA

Family 2/18 - FAMPAT - ©Questel

Title

(EP2822911)

Dry composition based on a mineral binder, used for preparing a moist formulation for the building industry

Images

Colle à carrelage	Colle à carrelage	Système d'isolation thermique composite
a) CEM II A 42,5 R	a) Ciment Portland CEM I	a) ciment Portland (Par exemple CEM I 42,5 R)
b) charge siliceuse légère	b) sable de silice et granulats calcaires	b) Sable de silice ou pierre calcaire broyée
c) Copolymère d'éthylène vinyle acétate	c) copolymère Acétate de vinyle-éthylène	c) copolymère Acétate de vinyle-éthylène
d)Hydroxypropylméthylcellulose	d)Hydroxypropylméthylcellulose de cellulose et éther d'amidon	d)Hydroxypropylméthylcellulose de cellulose
e) Formiate de calcium	e) Accélérateur formiate de calcium	e)Formiate de calcium
f _a) copolymère 1 (anionique): 0,96%	fa) copolymère 1 (anionique) ou fb) copolymère 2 (cationique) : 0,30 ou 0,45 %	f _a) copolymère 1 (anionique) ou f _b)Copolymère 2 (cationique) : 0,30 ou 0,4 %
Fibres de cellulose	Fibres de cellulose	
bentonite sodique		
FeSO ₄ -7H ₂ O		
Taux de gâchage : 76 %	Taux de gâchage : 36 %	Taux de gâchage : 25 %

Publication data including kind & date

WO2013131583	A1	2013-09-12	WO2013131583
AR086627	A1	2014-01-08	AR--86627
AU2012372512	A1	2014-09-25	AU2012372512
CN104159866	A	2014-11-19	CN104159866
US20140371351	A1	2014-12-18	US20140371351
EP2822911	A1	2015-01-14	EP2822911
US9353009	B2	2016-05-31	US9353009
TH151620	A	2016-06-03	TH-151620
AU2012372512	B2	2016-12-15	AU2012372512
AU2016277589	A1	2017-01-12	AU2016277589
AU2016277589	B2	2017-03-30	AU2016277589



Abstract

(EP2822911)

The invention relates to a dry composition for preparing a moist composition for the building industry. The aim of the

invention is to provide a dry composition that leads to hardened products for the building industry constituting an excellent compromise between weight reduction and mechanical properties; optimizing the hydration of the binder; and allowing a stable weight reduction without excessive increase in volume. For this purpose, the composition according to the invention is based on a mineral binder (a) and incorporates at least one superabsorbent polymer -SAP- (b) and an accelerating component (c), characterized in that it includes at least one source of aluminum ions and, optionally (d) a **setting** retardant, (e) an additional **setting accelerator**; (f) a water retaining agent; (g) a filler; (h) a light filler, (i) a fire retardant; (j) a dye; (k) fibers; (l) an antifoaming agent; (m) a redispersible resin powder; (n) a rheological agent; (o) an air entraining agent or a foaming agent; (p) a gas generating agent; and (q) a fire retardant. The invention further relates to the moist formulation obtained by mixing said dry composition with water, to the methods for preparing said dry composition and the corresponding moist formulation, and to the building industry products obtained from the moist formulation and the structures produced using said products.

Inventors

DANTIN VÉRONIQUE

GONCALO PAULO

PERSOZ STÉPHANIE

Latest standardized assignees - inventors removed

PAREXGROUP

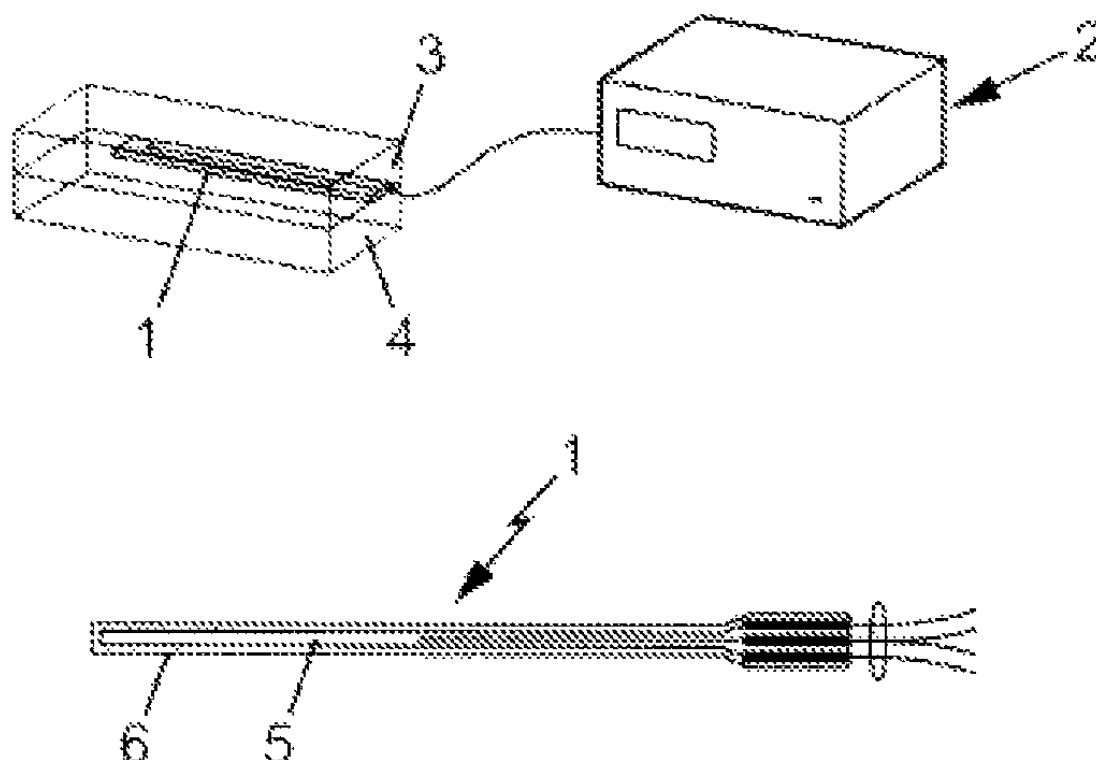
Family 3/18 - FAMPAT - ©Questel

Title

(EP2822912)

Use of at least one superabsorbent polymer (psa) (b), in a dry composition based on a mineral binder and used for preparing a hardenable moist formulation for the building industry

Images



Publication data including kind & date

WO2013131584

A1 2013-09-12

WO2013131584

AR088217

A1 2014-05-21

AR--88217



CN104159865	A	2014-11-19	CN104159865				
US20140371352	A1	2014-12-18	US20140371352				
EP2822912	A1	2015-01-14	EP2822912				
US9193627	B2	2015-11-24	US9193627				
TH147242	A	2016-03-04	TH-147242				
CN104159865	B	2018-07-13	CN104159865B				
EP2822912	B1	2018-08-15	EP2822912				

Abstract

(EP2822912)

The invention relates to the use of a mixture including a mineral binder (a) and at least one superabsorbent polymer (PSA) (b) aimed at improving the thermal isolation properties of a hardened product used in the building industry, by lowering the thermal conductivity thereof λ (W.m⁻¹.K⁻¹), said hardened product being obtained from a dry composition or from a moist formulation including said mixture. The invention further relates to the dry composition, to the moist formulation obtained by mixing said dry composition with water, to the methods for preparing said dry composition and the corresponding moist formulation, to the hardened construction products obtained from the moist formulation, and to the structures produced using said products.

Inventors

DANTIN VÉRONIQUE

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Latest standardized assignees - inventors removed

PAREXGROUP

Family 4/18 - FAMPAT - ©Questel

Title

(JP2006327865)

Spray material and spraying method using it

Publication data including kind & date

JP2006327865	A	2006-12-07	JP2006327865			
JP4514145	B2	2010-07-28	JP4514145			

Abstract

(JP4514145)

PROBLEM TO BE SOLVED: To provide a spray material and a spraying method capable of spraying thickly by single spray and shortening the application time in repairing or reinforcing a concrete structure.

SOLUTION: The spray material contains cement, hydroxypropylmethylcellulose having viscosity of 20,000-35,000 mPa s as 2 mass% aqueous solution at 20°C, a **setting accelerator**, and aggregate. Preferably, it contains calcium aluminate, gypsum, aggregate, and a **setting** regulator, and the **setting accelerator** is aluminum sulfate. In the spraying method, the spray material without containing a **setting accelerator** and the spray material containing a **setting accelerator** are separately pumped, mixed just before spraying, and then sprayed.

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Inventors

IGARASHI KAZUMA

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YAMAGISHI TAKANORI

Latest standardized assignees - inventors removed

DENKA

Family 5/18 - FAMPAT - ©Questel

Title

(EP-903330)

Process for producing a concrete product

Publication data including kind & date

EP0903330	A2	1999-03-24	EP-903330			
ID20894	A	1999-03-25	ID--20894			
EP0903330	A3	1999-03-31	EP-903330			
JPH1190918	A	1999-04-06	JP11090918			
KR19990029185	A	1999-04-26	KR19990029185			
TW383293	B	2000-03-01	TW-383293			
US6126875	A	2000-10-03	US6126875			
EP0903330	B1	2003-08-27	EP-903330			
DE69817489	D1	2003-10-02	DE69817489			
DE69817489	T2	2004-07-01	DE69817489			
JP3628157	B2	2005-03-09	JP3628157			

Abstract

(EP-903330)

A process for producing a concrete product, which comprises a step of preparing a primary concrete by mixing a super dry consistency concrete having a unit amount of water of at most 100 kg/cm³, a step of preparing a secondary concrete by weighing a suitable amount of the primary concrete and adding at least water, a water reducing agent and a **setting accelerator** thereto, followed by remixing, and a step of molding the secondary concrete in a formwork.

Inventors

WATABANE YOSHIHARU

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SERIZAWA HIROYOSHI

Latest standardized assignees - inventors removed

DENKA

HANADA HUMETPIPE

Family 6/18 - FAMPAT - ©Questel

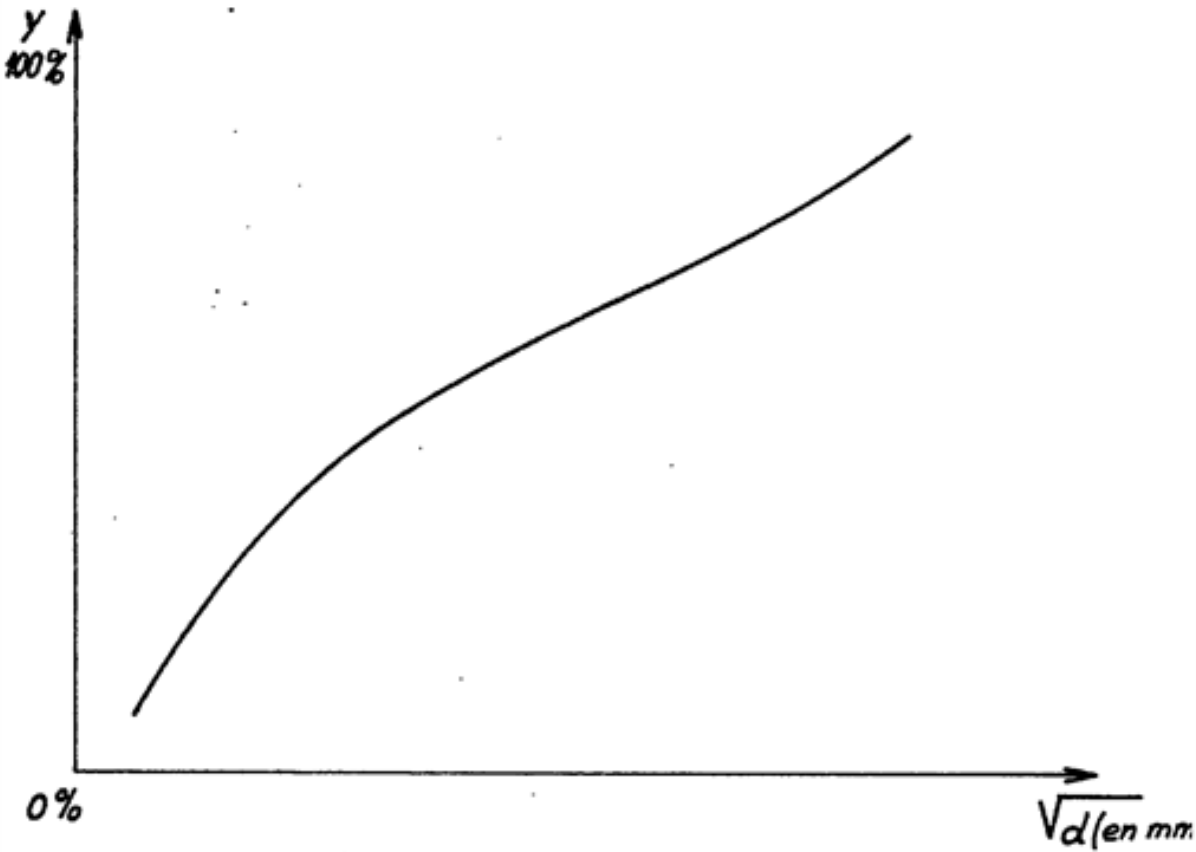
Title

(EP-409751)

New granulates and building materials, concrete pastes ready for use and construction elements obtained from these pastes.

Images

Fig. 1



Publication data including kind & date

EP0409751	A1	1991-01-23	EP-409751
FR2649972	A1	1991-01-25	FR2649972
FR2649972	B1	1993-06-18	FR2649972
EP0409751	B1	1994-12-07	EP-409751
AT115101	T	1994-12-15	ATE115101
DE69014745	D1	1995-01-19	DE69014745



Abstract

(EP-409751)

A granulate and/or a dry construction material for obtaining mortars or concretes and prefabricated elements, incorporating especially reinforcing fibres. According to the invention a siliceous filler is employed, whose particle size distribution, expressed in the form $y = f(\sqrt{2d})$, y being the weight percentage of the particles which have a diameter smaller than d , has substantially the appearance of a straight line.

Inventors

PERA JEAN

AMBROISE JEAN

GNIEWEK JOSEPH

Latest standardized assignees - inventors removed

APPLI 5

Family 7/18 - FAMPAT - ©Questel

Title

(EP1964826)

Self-levelling, hydraulic compositions and use thereof

Images

$$AD = [(AD_0 - AD_{20}) / AD_0] \times 100$$

Publication data including kind & date

US20080196629	A1	2008-08-21	US20080196629				
KR20080077332	A	2008-08-22	KR20080077332				
EP1964826	A2	2008-09-03	EP1964826				
JP2008201612	A	2008-09-04	JP2008201612				
TW200848386	A	2008-12-16	TW200848386				
CN101328030	A	2008-12-24	CN101328030				
EP1964826	A3	2009-01-07	EP1964826				
IN0386/DEL/2008	A	2009-04-03	IN2008DE00386				
US7588635	B2	2009-09-15	US7588635				
JP4725742	B2	2011-07-13	JP4725742				
CN101328030	B	2012-10-17	CN101328030B				
KR101367436	B1	2014-02-25	KR101367436				
TWI445685	B	2014-07-21	TWI445685				
EP1964826	B1	2018-11-07	EP1964826				

Abstract

(EP1964826)

Hydraulic compositions comprising a **setting accelerator**, a water-soluble cellulose ether having a degree of alkyl substitution of 1.6 to 2.5 which is a water-soluble alkyl cellulose or a water-soluble hydroxyalkyl alkyl cellulose, and water are useful as self-leveling compositions having an excellent self-leveling capability, a minimal change with time of fluidity, and a short **setting** time, or as cement mortar compositions having a long open time and a short **setting** time.

Inventors

YAMAKAWA TSUTOMU

SASAGE YOSHIKI

Latest standardized assignees - inventors removed

SHIN ETSU CHEMICAL

Family 8/18 - FAMPAT - ©Questel

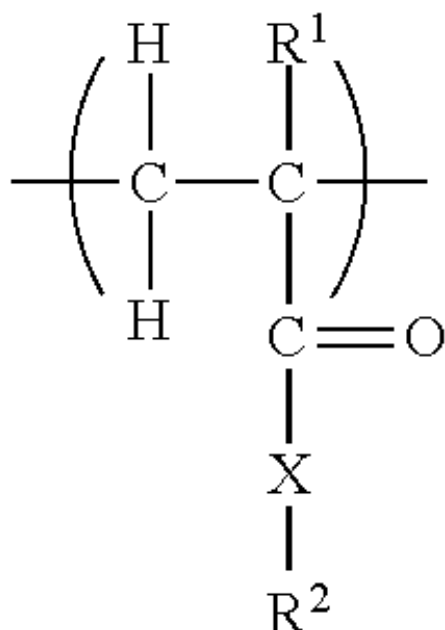
Title

(EP2855392)

Method for the production of solid accelerators for construction material mixtures

Images

(Ia)

**Publication data including kind & date**

WO2013178560	A1	2013-12-05	WO2013178560
CN104350023	A	2015-02-11	CN104350023
EP2855392	A1	2015-04-08	EP2855392
US20150148456	A1	2015-05-28	US20150148456
CN104350023	B	2017-02-22	CN104350023B

**Abstract**

(EP2855392)

The invention relates to a method for producing solid compositions containing calcium silicate hydrate and at least one water-soluble polymer that has cationic, neutral, and/or sulfonic group-containing anionic structural units. In said method, an aqueous suspension of calcium silicate hydrate is brought in contact with the polymer, and the mixture is dried using a drum drying process.

Inventors

EISSMANN DIANA
 LANGLOTZ JUTTA KARIN
 FRIEDRICH STEFAN
 HESSE CHRISTOPH

Latest standardized assignees - inventors removed

CONSTRUCTION RESEARCH & TECHNOLOGY
 COOPER TECHNOLOGIES

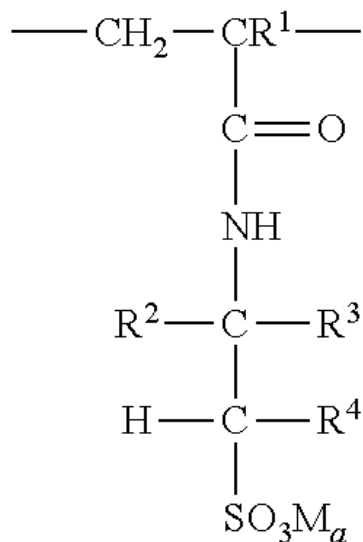
Family 9/18 - FAMPAT - ©Questel

Title

(EP2646389)

Powdered **accelerator****Images**

(I)

**Publication data including kind & date**

CA2818828	A1	2012-06-07	CA2818828
WO2012072466	A1	2012-06-07	WO201272466
AU2011335173	A1	2013-07-11	AU2011335173
CN103339083	A	2013-10-02	CN103339083
EP2646389	A1	2013-10-09	EP2646389
JP2013545845	A	2013-12-26	JP2013545845
US20140066546	A1	2014-03-06	US20140066546
US9040609	B2	2015-05-26	US9040609
AU2011335173	B2	2015-07-09	AU2011335173
JP5907985	B2	2016-04-26	JP5907985
EP2646389	B1	2016-04-27	EP2646389
IN4931/CHENP/2013	A	2016-06-10	IN2013CN04931
CN103339083	B	2016-11-09	CN103339083B

**Abstract**

(EP2646389)

The invention relates to a solid composition containing calcium silicate hydrate and at least one polymer that swells in water and can form a hydrogel, and further relates to a method for producing the composition, and to the use thereof as a **setting accelerator**, and as a grinding aid in cement production. The invention further relates to construction material mixtures comprising the compositions.

Inventors

LANGLOTZ JUTTA KARIN

FRIEDRICH STEFAN

HESSE CHRISTOPH

Latest standardized assignees - inventors removed

CONSTRUCTION RESEARCH & TECHNOLOGY

Family 10/18 - FAMPAT - ©Questel

Title

(EP2970007)

Hydraulic composition with prolonged open time

Images

実施例に用いたMHEC試料の分析データ

Me (メチル) の重量%	26.5 ~ 28.5
EO (ヒドロキシエチル) の重量%	8.0 ~ 10.0
PO (ヒドロキシプロピル) の重量%	0
Brookfield粘度RVTS spindle #6 [mPas], 20rpm, 2%溶液	15000

Publication data including kind & date

CA2905909	A1	2014-09-25	CA2905909				
WO2014151388	A1	2014-09-25	WO2014151388				
US20140311387	A1	2014-10-23	US20140311387				
KR20150132187	A	2015-11-25	KR20150132187				
BR112015022627	A1	2015-12-08	BR112015022627				
CN105209404	A	2015-12-30	CN105209404				
MX2015012246	A	2016-01-12	MX2015012246				
EP2970007	A1	2016-01-20	EP2970007				
JP2016511217	A	2016-04-14	JP2016511217				
US9353003	B2	2016-05-31	US9353003				
IN8400/DELNP/2015	A	2016-07-15	IN2015DN08400				
RU2015144101	A	2017-04-21	RU2015144101				
BR112015022627	A2	2017-07-18	BR112015022627				
ZA201507665	B	2017-11-29	ZA201507665				
CA2905909	C	2017-12-19	CA2905909				
JP6276377	B2	2018-02-07	JP6276377				

Abstract

(EP2970007)

The presently disclosed and claimed inventive concept(s) relates generally to a hydraulic composition with a prolonged open time. More particularly, the composition comprises at least one cement retarder and at least one **accelerator**. The presently disclosed and claimed inventive concept(s) further relates to a dry mortar composition comprising the hydraulic composition having prolonged open time without deterioration of the other cement tile adhesive properties such as workability, **setting** time, strength development and sag resistance.

Inventors

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HUCKO STEFAN

KINDLER ALEXANDER ADOLPHE

NILLES VERA LOUISE

WUNDERLICH MARTIN

Latest standardized assignees - inventors removed

AVOCA

ISP INVESTMENTS

PHARMACHEM LABORATORIES

HERCULES

Family 11/18 - FAMPAT - ©Questel

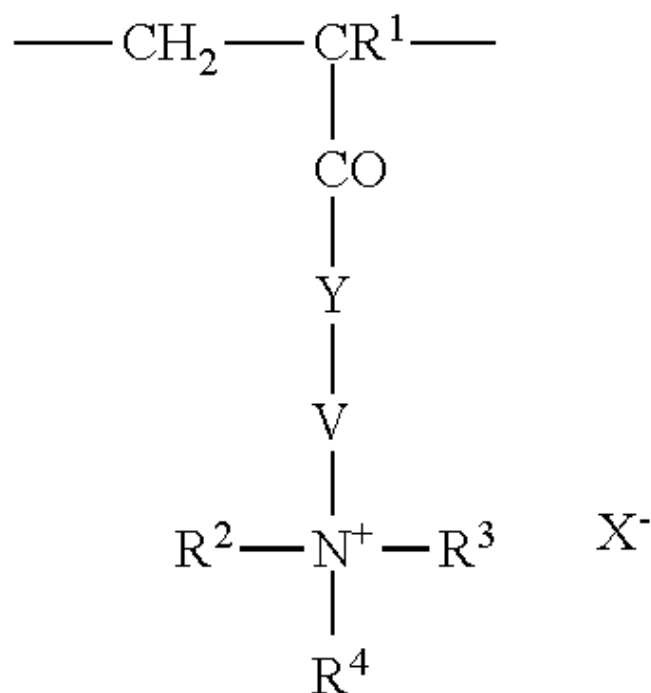
Title

(EP2855391)

Pulverulent **accelerator**

Images

(I)



Publication data including kind & date

WO2013178417	A1	2013-12-05	WO2013178417
CN104395262	A	2015-03-04	CN104395262
EP2855391	A1	2015-04-08	EP2855391
US20150152008	A1	2015-06-04	US20150152008
CN104395262	B	2017-08-29	CN104395262B



Abstract

(EP2855391)

The invention concerns a solid composition comprising calcium silicate hydrate and at least one water-soluble cationic (co)polymer. Additionally, a process for producing the compositions, in which an aqueous suspension of calcium silicate hydrate, preferably suitable as a **setting** and curing **accelerator** for (portland) cement-containing binder systems, is contacted with at least one cationic (co)polymer and the product is dried. Also concerned is the use as **setting accelerator** in preferably (portland) cement-containing building material mixtures and as grinding assistant in the production of (portland) cement. The invention further concerned building material mixtures comprising the solid compositions of the invention.

Inventors

LANGLOTZ JUTTA KARIN

FRIEDRICH STEFAN

HESSE CHRISTOPH

Latest standardized assignees - inventors removed

CONSTRUCTION RESEARCH & TECHNOLOGY

Family 12/18 - FAMPAT - ©Questel

Title

(EP3074425)

Improved alkyl hydroxyalkyl cellulose ethers, methods of making, and use in cements and mortars

Images



WO2015076874	A2	2015-05-28	WO201576874
WO2015076874	A3	2015-07-16	WO201576874
KR20160090844	A	2016-08-01	KR20160090844
CN105899541	A	2016-08-24	CN105899541
EP3074425	A2	2016-10-05	EP3074425
JP2016540104	A	2016-12-22	JP2016540104
MX2016006698	A	2017-03-10	MX2016006698



RU2016125299	A	2018-01-09	RU2016125299
BR112016012006	A1	2018-06-12	BR112016012006
BR112016012006	A2	2018-06-26	BR112016012006
RU2669615	C1	2018-10-12	RU2669615

**Abstract**

(EP3074425)

Disclosed are methods for the preparation of alkyl hydroxyalkyl cellulose ethers, and the use of such alkyl hydroxyalkyl cellulose ethers in the preparation and use of mortars and other cement-based systems; also disclosed is a hydraulic composition containing at least one retarder, at least one **accelerator** and a cellulose ether having a prolonged open time without deterioration of the other cement tile adhesive properties such as workability, **setting** time, strength development and sag resistance; and further disclosed are dry mortars containing encapsulated calcium chloride used in preparing mortar materials for use in construction, and the preparation and use of such mortars in cold weather environments is also disclosed.

Inventors

BRUSH KELLY A

COWAN PATRICK J

HOHN WILFRIED ADOLF

KINDLER ALEXANDER ADOLPHE

NILLES VERA LOUISE

Latest standardized assignees - inventors removed

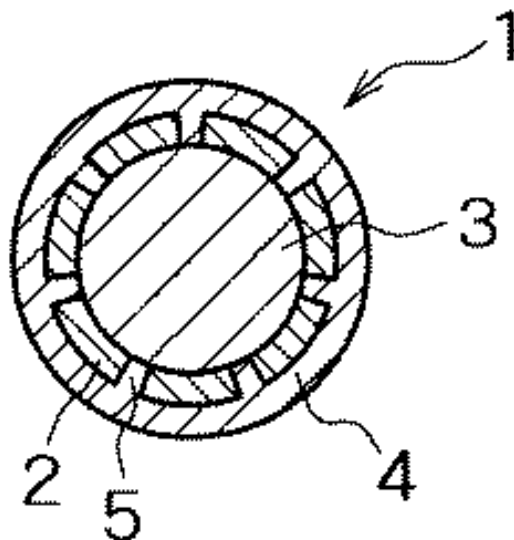
HERCULES

Family 13/18 - FAMPAT - ©Questel

Title

(JP2005213093)

Chemical-releasable grain and cement composition containing the same

Images**Publication data including kind & date**[JP2005213093](#) A 2005-08-11 JP2005213093**Abstract**

(JP2005213093)

PROBLEM TO BE SOLVED: To provide a chemical-releasable grain used as a material of a cement composition having excellent flowability during application of work and quickly set and hardened after the application of work.

SOLUTION: The chemical-releasable grain 1 comprises a porous grain 2, the chemical (e.g. a **setting accelerator**) 3 housed inside the porous grain 2 and a coating layer 4 formed on the surface of the porous grain 2. The coating layer 4 contains an alkali-soluble material such as a styrene-maleic anhydride copolymer. When the grain 1 is blended in the cement composition being an alkaline atmosphere, the coating layer is gradually collapsed or eluted and after a prescribed time is elapsed, the chemical agent 3 is released from pores 5 of the grain 1 to quickly set the cement composition.

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Inventors

UZAWA MASAMI

SATO TATSUZO

MOCHIZUKI HIDEAKI

SUZUKI YUSUKE

KAWABATA YOSHIHIRO

Latest standardized assignees - inventors removed

TAIHEIYO CEMENT

WASHIN CHEMICAL INDUSTRY

Family 14/18 - FAMPAT - ©Questel

Title

(EP2714612)

Cement **setting** agent

Images

Exemples	Comp.10	Comp.11	Comp.12	Ex.2B
Composés ajoutés (%massique)				
Ca(OH) ₂	3		3	3
Na ₂ SiO ₃		3		3

Publication data including kind & date

[WO2012160319](#) A1 2012-11-29 WO2012160319

[EP2714612](#) A1 2014-04-09 EP2714612



Abstract

(EP2714612)

The present invention relates to a novel cement **setting** agent made up of sodium silicate and a calcium salt.

Inventors

YAMMINE JOUMANA

FAMY CHARLOTTE

Latest standardized assignees - inventors removed

SAINT GOBAIN WEBER

Family 15/18 - FAMPAT - ©Questel

Title

(JP2014084260)

Repair mortar for spray having low electric resistance and repair method using the same

Publication data including kind & date

[JP2014084260](#) A 2014-05-12 JP2014084260

[JP6033636](#) B2 2016-11-30 JP6033636



Abstract

(JP6033636)

PROBLEM TO BE SOLVED: To provide a repair mortar for spray having low electric resistance, low shrinkage, capable of thick coating with one time spray, and excellent in pumpability, and provide a repair method.
SOLUTION: A repair mortar for spray is obtained by blending a mortar cement containing cement, a polyoxyalkylene monoalkylether shrinkage reducing agent, an expansive admixture, a water-reducing agent and a fine aggregate with a **setting accelerator** containing aluminum sulfate of 7 mass% or more in AlO₂ equivalent, contains neither calcium aluminate nor gypsum derived from cement, has electric resistance of a 6 months old cured body of 1000 Ωm or less, and contains fibers, and a repair method of a concrete structure includes repairing a cross section with removing deteriorated concrete by using the repair mortar for spray.

Inventors

Yagi Tetsu

Hiroaki Matsukubo

Takanori Yamagishi

Kazuhito Tahara

Latest standardized assignees - inventors removed

DENKA

Family 16/18 - FAMPAT - ©Questel

Title

(JP2005082432)

Spray material and spray method using the same

Publication data including kind & date

JP2005082432	A	2005-03-31	JP2005082432
JP4265761	B2	2009-05-20	JP4265761



Abstract

(JP4265761)

PROBLEM TO BE SOLVED: To provide a spray material capable of being sprayed within a short time, being thickly sprayed by single spray, being markedly reduced in cracking, and serving as inexpensive repair mortar and to provide a spray method using the same.

SOLUTION: The spray material comprises a cement mortal composition comprising 100 pts. wt. cement, 2 to 10 pts. wt. expanding material, 1 to 10 pts. wt. polyoxyalkylene derivative represented by the formula: $X\ddot{O}(AO)_nR_m$ (wherein X is a residue of a compound having 2 to 8 hydroxy groups; AO is a 2 to 18C oxyalkylene group; R is a hydrogen atom, a 1 to 18C hydrocarbon group or a 2 to 18C acyl group; n is 30 to 1,000; m is 2 to 8) and oxyethylene groups account for at least 60 mol% of the oxyalkylene groups, and sand and a **setting accelerator** comprising at least one member selected from an aluminate, a carbonate, and a silicate. The spray method using the spray material is also provided.

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DENKA

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Title

(EP1288175)

Rapid hardening cement binder mixture

Images

Abhängigkeit der Verarbeitungszeit der Mörtel/Betone von der Natriumgluconat-Zugabe bei unterschiedlicher Vortemperierung und Lagerung (0 °, 5 °, 10 °C)

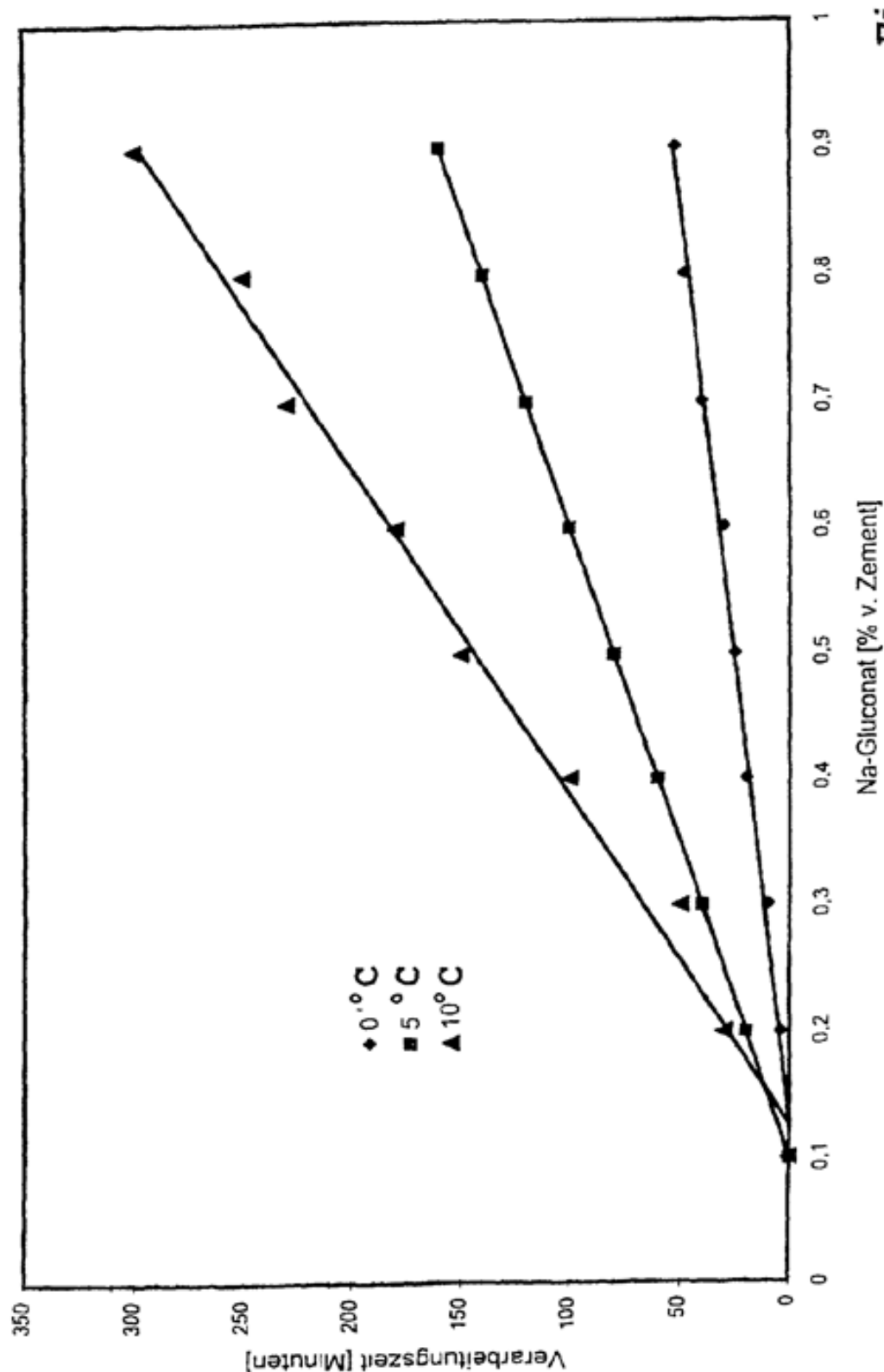


Fig. 1

Publication data including kind & date

EP1288175	A2	2003-03-05	EP1288175
DE10141864	A1	2003-03-27	DE10141864
EP1288175	A3	2004-01-02	EP1288175
DE10141864	B4	2006-02-02	DE10141864



Abstract

(EP1288175)

Quick-setting cement/binding agent mixture comprises binding agent component(s) containing sulfate carrier-free hydraulic

calcium aluminates and/or calcium aluminate ferrites, and an additive combination forming monocarboaluminate hydrate, especially calcium monocarboaluminate hydrate, consisting of glucon component(s) and water-soluble, carbonate ion-donating combining component(s). Preferred Features: The glucon component is gluconic acid and/or its salts, preferably sodium gluconate, glucoheptonate and/or sodium glucoheptonate anhydrate. The combining component contains at least one alkali carbonate, preferably an alkali hydrogen carbonate.

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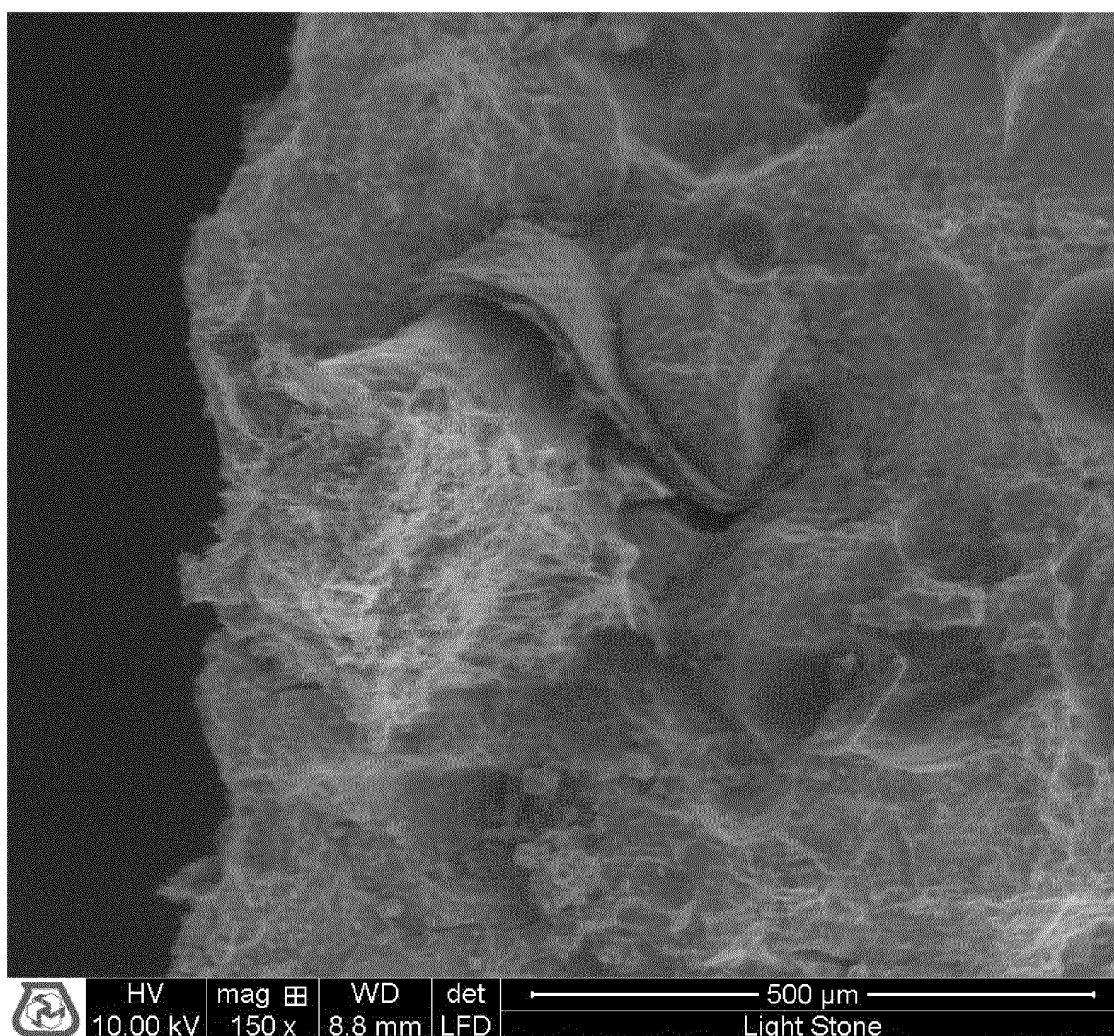
DYCKERHOFF

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Title

(EP2655279)

Method for producing aggregates from cement compositions

Images**Publication data including kind & date**

EP2468695	A1	2012-06-27	EP2468695
CA2822489	A1	2012-06-28	CA2822489
WO2012084716	A1	2012-06-28	WO201284716
AU2011347648	A1	2013-07-11	AU2011347648



SG191293	A1	2013-07-31	SG-191293				
VN35193	A	2013-09-25	VN--35193				
CO6761391	A2	2013-09-30	CO6761391				
EP2655279	A1	2013-10-30	EP2655279				
DOP2013000146	A	2013-11-15	DO201300146				
CL2013001828	A1	2014-01-17	CL1828201300				
MX2013007165	A	2014-01-23	MX2013007165				
PE02152014	A1	2014-02-27	PE201400215				
JP2014505006	A	2014-02-27	JP2014505006				
KR20140043042	A	2014-04-08	KR20140043042				
ZA201304563	B	2014-09-25	ZA201304563				
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RU2013128370	A	2014-12-27	RU2013128370				
AU2011347648	B2	2015-04-16	AU2011347648				
JP5813131	B2	2015-11-17	JP5813131				
US9216925	B2	2015-12-22	US9216925				
MX341301	B	2016-08-11	MX-341301				
VN0016216	B	2016-12-26	VN--16216B				
BR112013018313	A1	2018-08-07	BR112013018313				
BR112013018313	A2	2018-09-18	BR112013018313				
KR101905861	B1	2018-10-08	KR101905861				
EP2655279	B1	2018-11-14	EP2655279				

Abstract

(EP2655279)

A method for producing aggregates from fresh cement compositions, included concrete and residual concrete is disclosed, comprising the addition of a) flash **setting** accelerators and b) super-absorbent polymers to fresh unset cement compositions and blending this mixture until granular materials are formed.

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