

Search strategy

Query

(GRIND+ OR MILL+ CRUSH+ OR SHRED+ OR MASH+)/TI/AB/CLMS/DESC/ODES/ICLM/KEYW/TX

(GRAIN+ OR GRANULE+ OR SPECK+ OR PARTICLE+ OR PIMPLE+ OR PRILL+)/TI/AB/CLMS/DESC/ODES/ICLM/KEYW/TX

(CALCIUM 1D NITRATE)/TI/AB/CLMS/DESC/ODES/ICLM/KEYW/TX

1 AND 2 AND 3

PDA<20150430

4 AND 5

((SETTING 1D ACCELERATOR) OR (HARDENING 1D ACCELERATOR))/TI/AB/CLMS/DESC/ODES/ICLM/KEYW/TX

6 AND MM/TI/AB/CLMS/DESC/ODES/ICLM/KEYW/TX

8 NOT SILICATE/TI/AB/CLMS/DESC/ODES/ICLM/KEYW/TX

9 NOT UREA/TI/AB/CLMS/DESC/ODES/ICLM/KEYW/TX

10 AND 7

15 Documents

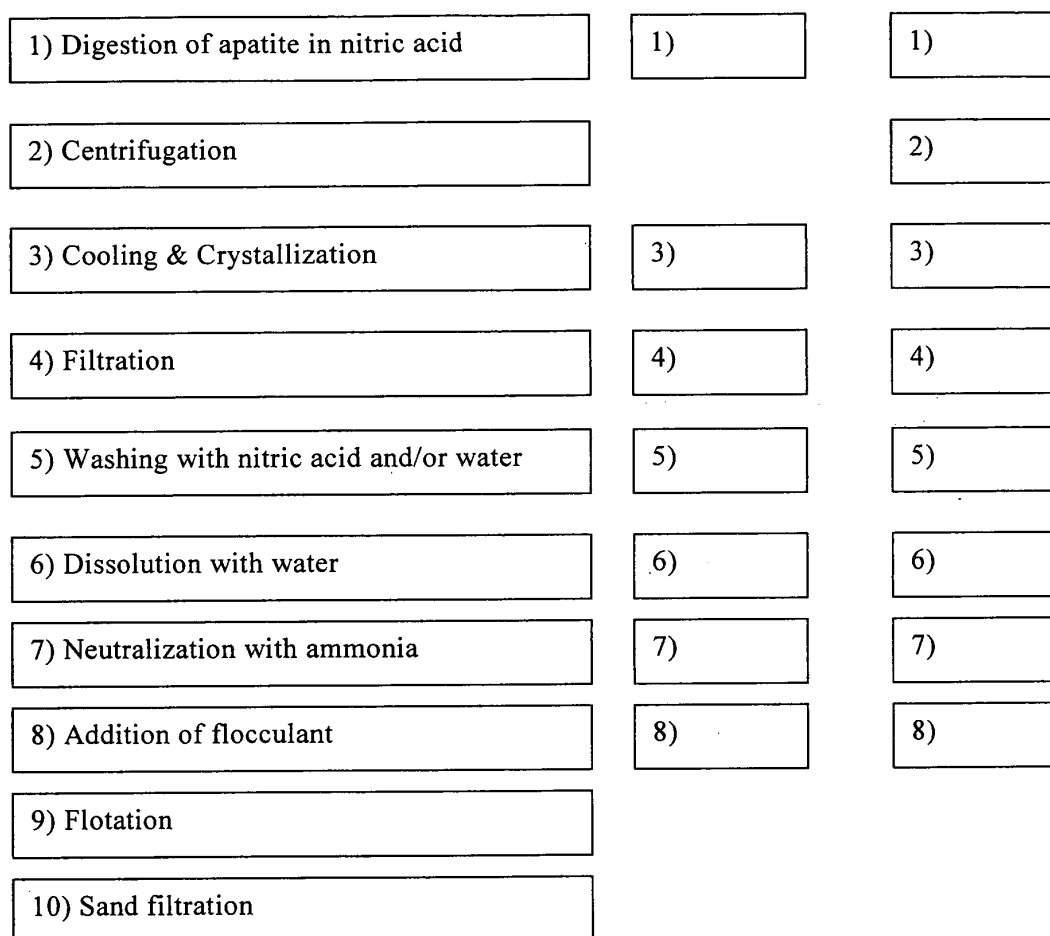
Publication numbers	Title	Current assignees
NO200701631 A	Method for purification of calsium nitrate and products made thereof	YARA
FR3002162 A1	Use of a composition comprising a hydroxy alkylamine compound in the form of base or acid addition salt, as an additive for dry grinding of a hydraulic binder including cement and/or mineral	CHRYSO
WO200993668 A1	Bonded object of metal/alloy and adherend and process for producing the same	TAISEI PLAS
JP2001039758 A	Low environmental load type ultra high early strength concrete	DENKA
JP2000233959 A	Clinker ground material, high-early-strength cement composition containing the same, concrete and concrete product	TAIHEIYO CEMENT
WO200606732 A1	Phosphoric ester polymer	KAO
WO201008093 A1	High-early-strength agent for hydraulic composition	KAO
FR3002226 A1	Improving compressive strength of cured hydraulic composition, by contacting hydraulic composition or component of hydraulic composition with composition comprising substituted amine compound in form of base or salt in addition with acid	CHRYSO
CA2128298 A1	Use of and method of applying an Additive for the prevention of metal corrosion in building materials	SIKA VORMALS KASPAR WINKLER
EP1707542 A2	Powdery cement dispersant	NIPPON SHOKUBAI
US5556460 A	Drying shrinkage cement admixture	GCP APPLIED TECHNOLOGIES, ...
NO9905189 D0	Injectable hydraulic binder composition	DYCKERHOFF
CA2438742 A1	A new calcium phosphate cement composition and a method for the preparation thereof	BIOMET
JP2003276093 A	Production method for three-dimensional continuous structure, production device, and its product	FUJIMURA AKIHIRO
JP11174633 A	Solid processing agent for silver halide photographic material, and preparation thereof	KONICA

Family 1/15 - FAMPAT - ©Questel

Title

(WO2008118024)

Method for purification of calcium 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
RO125377	A2	2010-04-30	RO-125377
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 2/15 - FAMPAT - ©Questel

Title

(FR3002162)

Use of a composition comprising a hydroxy alkylamine compound in the form of base or acid addition salt, as an additive for dry **grinding** of a hydraulic binder including cement and/or mineral

Publication data including kind & date[FR3002162](#)

A1 2014-08-22 FR3002162

**Abstract**

(FR3002162)

Use of a composition comprising a hydroxy alkylamine compound (I) in the form of base or acid addition salt, as an additive for dry **grinding** of a hydraulic binder, is claimed. Use of a composition comprising a hydroxy alkylamine compound of formula $((CH_3)_a[Alk](OH)_b(NH_2)_c)(I)$ in the form of base or acid addition salt, as a **grinding** additive for dry **grinding** a hydraulic binder, is claimed. [Alk] : 3-10C-alkyl; and a-c : 1-3. Independent claims are included for: (1) dry **grinding** of the hydraulic binder, comprising introducing the composition into a ball **mill**, **grinding**, and recovering the hydraulic binder having the desired particle size and/or the desired fineness; (2) ground hydraulic binder obtainable by the above method; and (3) a hydraulic composition prepared from the ground hydraulic binder.

Inventors

PELLERIN BRUNO

MALBAULT OLIVIER

Latest standardized assignees - inventors removed

CHRYSO

Family 3/15 - FAMPAT - ©Questel

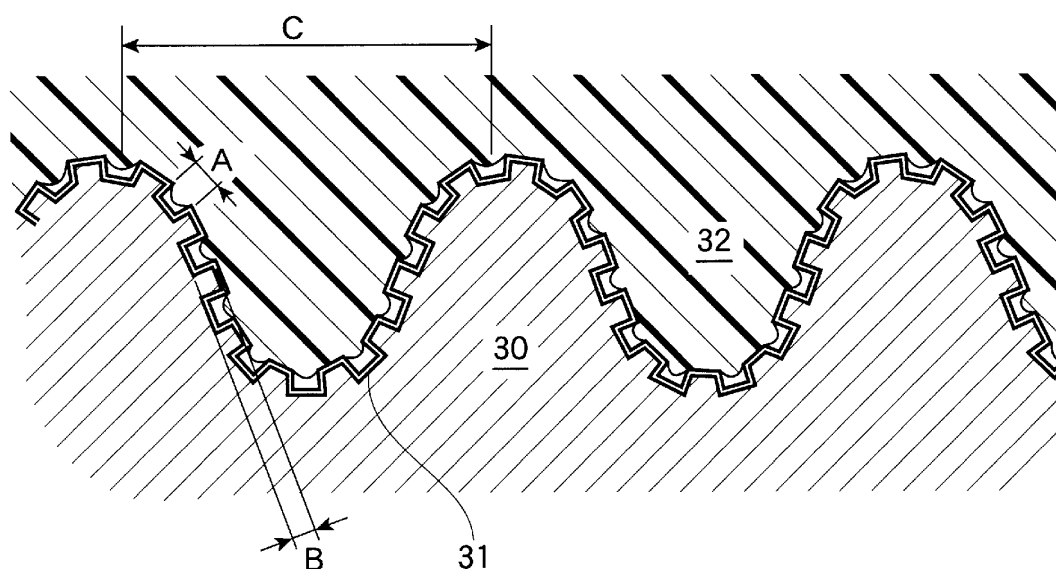
Title

(WO200993668)

Bonded object of metal/alloy and adherend and process for producing the same

Images

[図4]

**Publication data including kind & date**

WO2009093668	A1	2009-07-30	WO200993668
JPWO2009093668	A1	2009-07-30	JP2009093668W
JP4903881	B2	2012-01-13	JP4903881

**Abstract**

(WO200993668)

Provided is a technique for tenaciously bonding a metal or an alloy to an adherend, e.g., a GFRP, with an adhesive containing an unsaturated polyester resin as a major component. A surface of the metal or alloy is subjected to etching for (1) making the surface have a micrometer-order roughness having an average distance between crests or troughs (RSm) of 0.8-10 μm and a maximum height or roughness (Rz) of 0.2-5 μm , (2) forming ultrafine irregularities having a period of 5-500 nm in the surface having that roughness, and (3) converting a surface layer to a thin layer of a metal oxide or phosphorylated metal. On the other hand, an inorganic filler and an ultrafine inorganic filler are dispersed in an unsaturated polyester resin using a sand grinding mill. Thereafter, an organic peroxide is added to complete an unsaturated polyester adhesive. This unsaturated polyester adhesive is applied to the metal or alloy surface, and the adherend is fixed to the area where the adhesive has been applied. The uncured resin is cured by heating to unite the two members with each other.

Inventors

NARITOMI MASANORI

ANDOH NAOKI

Latest standardized assignees - inventors removed

TAISEI PLAS

Family 4/15 - FAMPAT - ©Questel

Title

(JP2001039758)

Low environmental load type ultra high early strength concrete

Publication data including kind & date

JP2001039758	A	2001-02-13	JP2001039758
JP3765691	B2	2006-02-03	JP3765691

**Abstract**

(JP3765691)

PROBLEM TO BE SOLVED: To produce a low environmental load type ultra high early strength concrete having excellent high early strength property at a temp. ranging from a low temp. to the normal temp. and remarkably reduced in carbon output. **SOLUTION:** This low environmental load type ultra high early strength concrete is prepared by blending high early strength Portland cement, anhydrous gypsum having pH ≤ 4.5 and generated as an industrial by-product and a setting accelerator and has ≥ 10 N/mm² compressive strength at 5 deg. in 1 day material age and ≥ 35 N/mm² compressive strength at 20 deg.C in 1 day material age and ≤ 95 kg/m³ carbon output basic unit. Further, siliceous fine powder generated as the industrial by-product is desirably blended.

Inventors

MORIOKA MINORU

YAMAMOTO KENJI

TOMIOKA SHIGERU

Latest standardized assignees - inventors removed

DENKA

Family 5/15 - FAMPAT - ©Questel

Title

(JP2000233959)

Clinker ground material, high-early-strength cement composition containing the same, concrete and concrete product

Publication data including kind & date[JP2000233959](#)

A

2000-08-29

JP2000233959

**Abstract**

(JP2000233959)

PROBLEM TO BE SOLVED: To produce a cement clinker composition which is capable of providing concrete containing the composition with good workability until placing of the concrete is completed, and also providing the concrete with high-early-strength after the placing, by using as main mineral constituents of the composition, at least a specified amount of CaO crystals and a specified amount of an interstitial material and further if necessary, alite and belite. **SOLUTION:** This clinker ground material is produced by **grinding** a cement clinker composition having at least one main mineral composition selected from 3CaO.SiO₂-2 CaO.SiO₂-CaO-interstitial material, 3CaO.SiO₂-CaO-interstitial material, 2CaO.SiO₂-CaO-interstitial material and CaO-interstitial material systems, into grains having such grain size as to provide an about 3,000-6,000 cm²/g specific surface area, to form the objective clinker ground material containing 50-92 wt.% CaO crystals. This high- early-strength cement composition is produced by blending 3-30 pts.wt. of the clinker ground material, 0-10 pts.wt. of a hardening accelerator and 100 pts.wt. of portland cement or mixed cement together, wherein as the hardening accelerator used, a salt of a metal such as alkali metal, alkaline earth metal or trivalent metal, or an organic substance such as triethanolamine is preferred.

Inventors

ISHIMORI MASAKI

Mitsuo Kinoshita

Toshio Kono

Yoneda

Latest standardized assignees - inventors removed

TAIHEIYO CEMENT

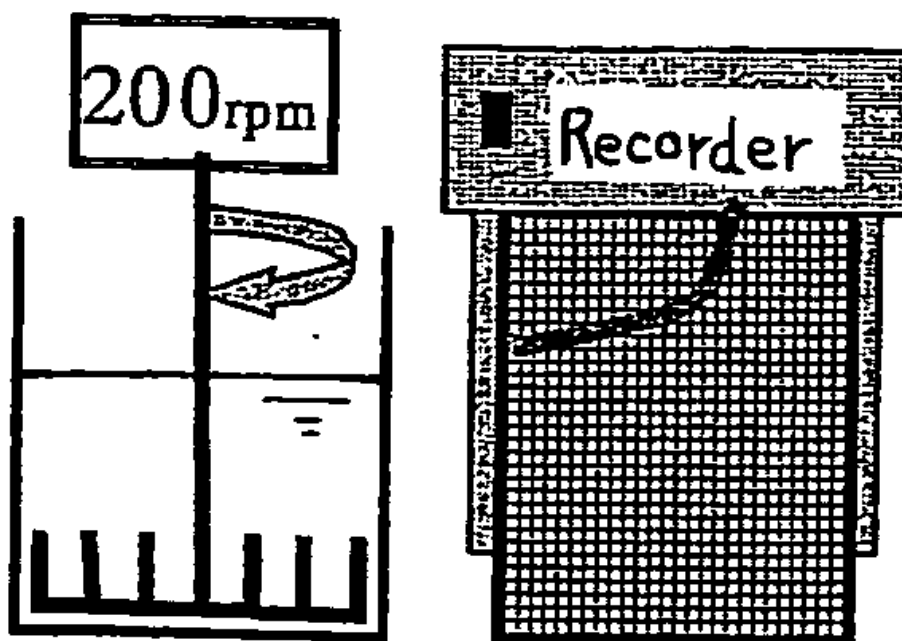
Family 6/15 - FAMPAT - ©Questel

Title

(EP1767504)

Phosphoric ester polymer

Images



Publication data including kind & date

WO2006006732	A1	2006-01-19	WO200606732
TH74928	A	2006-01-23	TH--74928
JP2006052381	A	2006-02-23	JP2006052381
JP3776443	B2	2006-03-03	JP3776443
JP2006104480	A	2006-04-20	JP2006104480
KR20070033431	A	2007-03-26	KR20070033431
EP1767504	A1	2007-03-28	EP1767504
CN1984853	A	2007-06-20	CN1984853
US20080035022	A1	2008-02-14	US20080035022
CN100513345	C	2009-07-15	CN100513345C
CN101580566	A	2009-11-18	CN101580566
EP1767504	A4	2010-03-31	EP1767504
CN101580566	B	2011-01-19	CN101580566B
EP1767504	B1	2013-09-18	EP1767504
ES2437842	T3	2014-01-14	ES2437842
TH46943	B	2015-11-10	TH--46943B



Abstract

(EP1767504)

The invention provides a process wherein a dispersant for a hydraulic composition capable of conferring an excellent dispersing effect and a viscosity reducing effect on a hydraulic composition can be produced at an industrially practical level. A phosphate polymer preferable as a dispersant for a hydraulic composition is obtained by copolymerization of a specific monomer 1 having a polyoxyalkylene group, a phosphoric monoester monomer 2 and a phosphoric diester monomer 3 at pH 7 or less.

Inventors

HAMADA DAISUKE
HAMAI TOSHIMASA
SHIMODA MASAOKI
KONO YOSHINAO

TANISHO YOSHIKI

MORII YOSHIKAZU

NAKA YOSHIHITO

Latest standardized assignees - inventors removed

KAO

Family 7/15 - FAMPAT - ©Questel

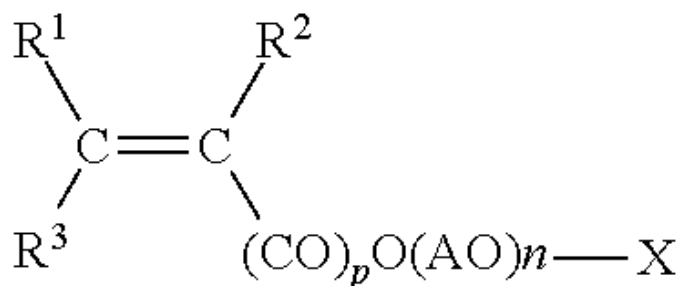
Title

(EP2301902)

High-early-strength agent for hydraulic composition

Images

(C1)

**Publication data including kind & date**

WO2010008093	A1	2010-01-21	WO201008093				
JP2010042987	A	2010-02-25	JP2010042987				
EP2301902	A1	2011-03-30	EP2301902				
US20110100266	A1	2011-05-05	US20110100266				
CN102099312	A	2011-06-15	CN102099312				
TH114443	A	2012-06-22	TH-114443				
EP2301902	A4	2013-01-02	EP2301902				
JP5351638	B2	2013-08-30	JP5351638				
US8598255	B2	2013-12-03	US8598255				
CN102099312	B	2014-05-07	CN102099312B				
EP2301902	B1	2015-02-25	EP2301902				
ES2536066	T3	2015-05-20	ES2536066				
TH57936	B	2017-10-04	TH-57936B				

Abstract

(EP2301902)

The present invention provides the early strengthening agent for hydraulic compositions containing a compound (a) obtained by reacting (A) one or more compounds selected from polyhydric alcohols having 3 to 20 hydroxy groups and alkylene oxide adducts thereof with (B) a sulfating agent, and the additive composition for hydraulic compositions containing the compound (a).

Inventors

HAMAI TOSHIMASA

SHIMODA MASAOKI

OHKUBO MAKOTO

TANIGUCHI TAKAO

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NOMURA MASATO

Latest standardized assignees - inventors removed

KAO

Family 8/15 - FAMPAT - ©Questel

Title

(FR3002226)

Improving compressive strength of cured hydraulic composition, by contacting hydraulic composition or component of hydraulic composition with composition comprising substituted amine compound in form of base or salt in addition with acid

Publication data including kind & date

[FR3002226](#)

A1 2014-08-22 FR3002226

**Abstract**

(FR3002226)

Improving the compressive strength of a cured hydraulic composition, comprises (a) contacting the hydraulic composition or a component of the hydraulic composition with a composition comprising a substituted amine compound (I) in the form of base or salt in addition with an acid. Improving the compressive strength of a cured hydraulic composition, comprises contacting the hydraulic composition or a component of the hydraulic composition with a composition comprising a substituted amine compound of formula $((CH_3)_a[Alk](OH)(NH_2)_b)$ (I) in the form of base or salt in addition with an acid. Alk : 3-10C alkyl substituted on the same or different carbon atom of the alkyl by at least one group consisting of CH_3 , OH, and NH_2 ; and a, b : 1-3. An independent claim is included for a method of preparing the cured hydraulic composition, comprising mixing the hydraulic composition or the component of hydraulic composition with the composition comprising (I), in the form of base or salt in addition with an acid.

Inventors

PELLERIN BRUNO

MALBAULT OLIVIER

Latest standardized assignees - inventors removed

CHRYSO

Family 9/15 - FAMPAT - ©Questel

Title

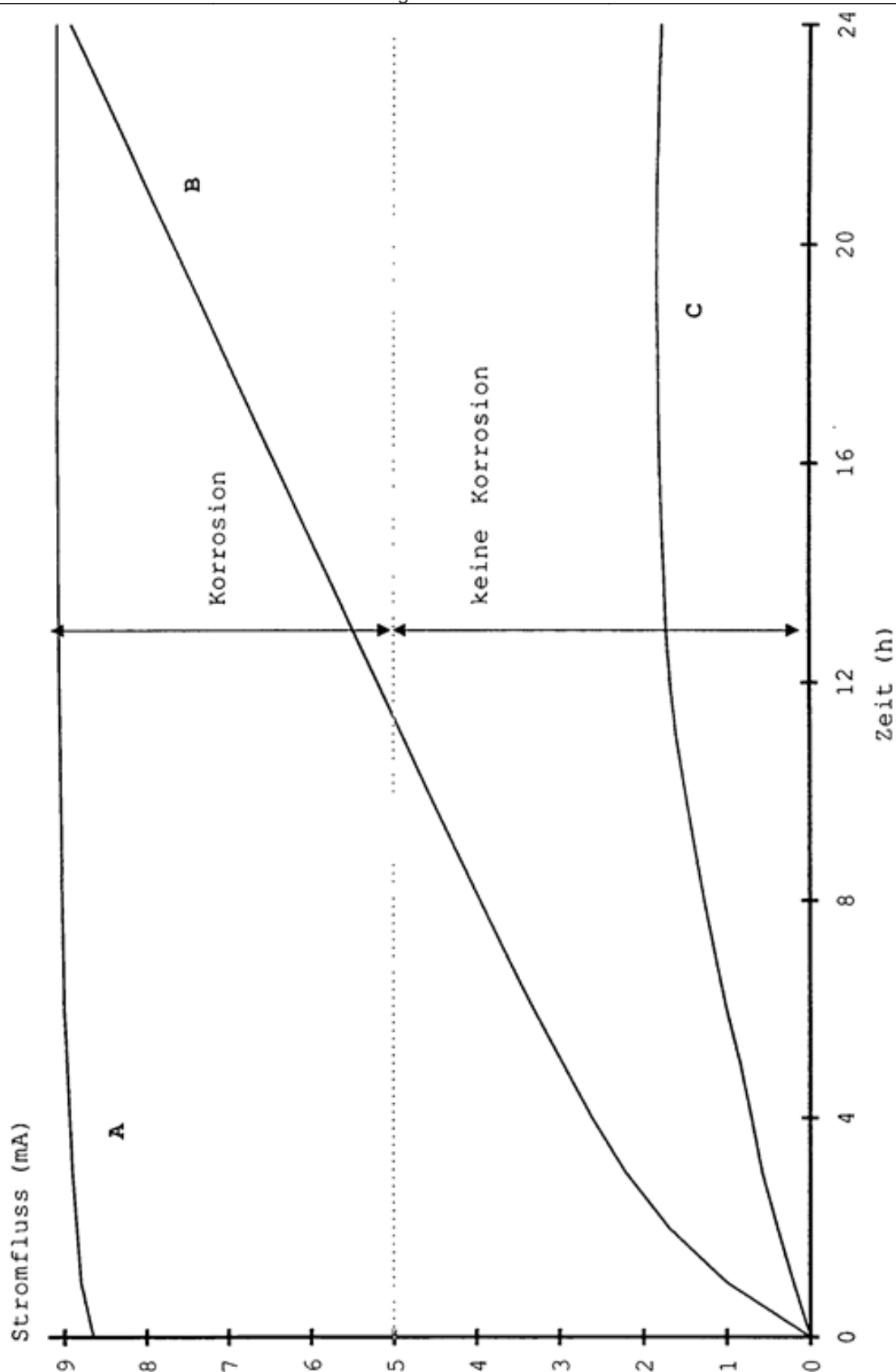
(EP-635463)

Use of and method of applying an Additive for the prevention of metal corrosion in building materials

Images

Potentiostatische Belastungsversuche an Elektroden in Mörtelprismen

Fig. 1



Publication data including kind & date

CA2128298	A1	1995-01-20	CA2128298
EP0635463	A1	1995-01-25	EP-635463
KR19950003219	A	1995-02-16	KR19950003219
ES2068803	T1	1995-05-01	ES2068803
JP7173650	A	1995-07-11	JP07173650
CH686368	A5	1996-03-15	CH-686368



EP0635463	B1	1998-10-07	EP-635463
AT171926	T	1998-10-15	ATE171926
DE59407037	D1	1998-11-12	DE59407037
ES2068803	T3	1999-02-01	ES2068803
DK0635463	T3	1999-06-21	DK-635463T
JP3015674	B2	2000-03-06	JP3015674
HK1005543	A1	2000-03-17	HK1005543
KR100302688	B1	2001-11-30	KR100302688
CA2128298	C	2004-06-29	CA2128298

**Abstract**

(EP-635463)

Additives for preventing the corrosion of metals in building materials containing an inorganic binder are described. These additives contain as corrosion inhibitor a reaction product of amines with acids or consist thereof. These salt-like corrosion inhibitors are low in odour and pleasant to process and can be used to improve, in a targeted manner, properties of the building material in processing or in use. In the corresponding methods for preventing the corrosion of metals which are in contact with the building materials, the corrosion inhibitors are preferably used in amounts of from 0.01 % by wt. to 10% by wt. based on the binder present in the building material. Also described are building materials which contain the corrosion inhibitors of the invention.

Inventors

BUERGE THEODOR A

MAEDER URS DR

Latest standardized assignees - inventors removed

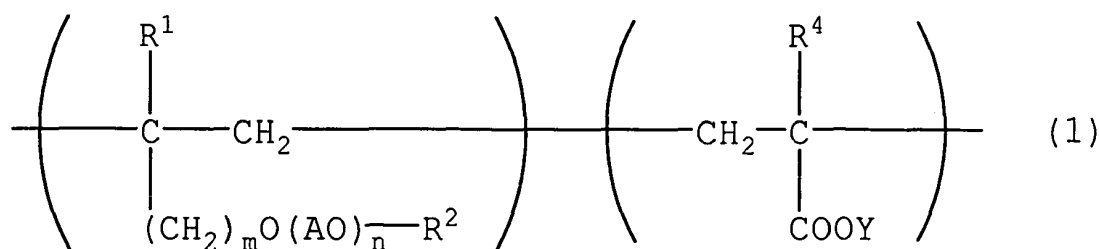
SIKA VORMALS KASPAR WINKLER

Family 10/15 - FAMPAT - ©Questel

Title

(EP1707542)

Powdery cement dispersant

Images**Publication data including kind & date**

EP1707542	A2	2006-10-04	EP1707542
JP2006306716	A	2006-11-09	JP2006306716
CN1939868	A	2007-04-04	CN1939868
IN0267/KOL/2006	A	2007-08-24	IN2006KO00267

**Abstract**

(EP1707542)

The present invention provides a means to express superior dispersibility and to be easily pulverized in the polycarboxylic acid type cement dispersant. The purpose is attained by a powdery cement dispersant having, as a main component, a polycarboxylic acid type copolymer having a repeating unit (I) derived from an unsaturated polyalkyleneglycol type monomer, a repeating unit (II) derived from an unsaturated carboxylic acid type monomer and a repeating unit (III) derived from a branched compound having a branched structure containing 3 or more polyalkyleneimine chains or polyoxyalkylene

chains in a molecule, or a powdery cement dispersant comprising a polycarboxylic acid type copolymer (A) having a repeating unit (IV) derived from an unsaturated polyalkyleneglycol type monomer and a repeating unit (V) derived from an unsaturated carboxylic acid type monomer and a branched compound (B) with a branched structure containing 3 or more polyalkyleneimine chains or polyoxyalkylene chains in a molecule.

Inventors

KAWAKAMI HIROKATSU

KAWAHARA WASHIN

TANAKA HIROMICHI

Latest standardized assignees - inventors removed

NIPPON SHOKUBAI

Family 11/15 - FAMPAT - ©Questel

Title

(EP-851901)

Drying shrinkage cement admixture

Images

$$y_2(t) = x_2(t) - x_1(t - \tau_1)$$

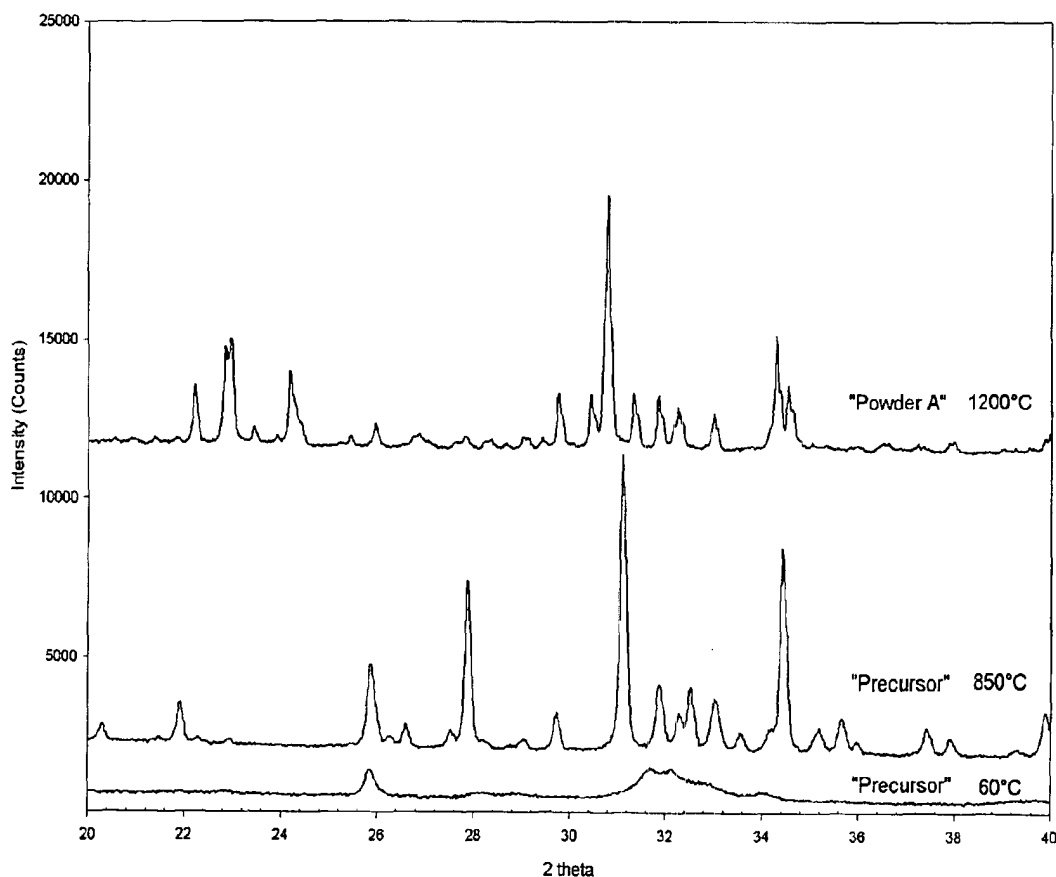
Publication data including kind & date

US5556460	A	1996-09-17	US5556460				
ZA9607174	B	1997-02-28	ZA9607174				
WO9711132	A1	1997-03-27	WO9711132				
CA2232287	A1	1997-03-27	CA2232287				
AU6773996	A	1997-04-09	AU9667739				
TW321630	B	1997-12-01	TW-321630				
TR199800495	T1	1998-06-22	TR199800495				
EP0851901	A1	1998-07-08	EP-851901				
MX9802052	A	1998-08-30	MX9802052				
EP0851901	A4	1998-11-04	EP-851901				
CN1202192	A	1998-12-16	CN1202192				
KR19990045720	A	1999-06-25	KR19990045720				
JPH11512385	A	1999-10-26	JP11512385				
AU716976	B2	2000-03-09	AU-716976				
DE19681357	C1	2000-03-16	DE19681357				
EP0851901	B1	2001-03-21	EP-851901				
DE69612207	D1	2001-04-26	DE69612207				
MX203703	B	2001-08-13	MX-203703				
CA2232287	C	2002-07-09	CA2232287				
MY115652	A	2003-08-30	MY-115652				
CN1142987	C	2004-03-24	CN1142987C				
HK1017701	A1	2005-01-14	HK1017701				
JP4349595	B2	2009-07-31	JP4349595				

Abstract

(EP-851901)

A cement admixture composed of a low molecular weight oxyalkylene compound and a comb polymer having carboxylic acid groups and oxyalkylene units therein.



Publication data including kind & date

CA2438742	A1	2004-02-27	CA2438742
EP1394132	A2	2004-03-03	EP1394132
JP2004083410	A	2004-03-18	JP2004083410
US20040112256	A1	2004-06-17	US20040112256
US6929692	B2	2005-08-16	US6929692
EP1394132	A3	2007-11-07	EP1394132
CA2438742	C	2011-08-09	CA2438742
EP1394132	B1	2012-09-12	EP1394132
EP1394132	B8	2014-07-09	EP1394132



Abstract

(EP1394132)

The invention describes a new calcium phosphate cement powder, whose composition can best be described over the Ca/P molar ratio range of 1.35 to 1.40, most preferably 1.39, and whose two components were prepared by wet chemical synthesis procedures. One component is chemically-synthesized, bi-phasic alpha-TCP ($\text{Ca}_3(\text{PO}_4)_2$, 95 wt%) + HA ($\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2$, 5 wt%) powder, while the second component is again a chemically-synthesized, single-phase DCPD ($\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$) powder. A setting solution ($\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$) is used to form a self-setting calcium phosphate cement from the powder mixture. This cement can be used as bone filler or bone substitute in applications, which require higher rates of resorption.

Inventors

TAS AHMET CUNEYT DR

Latest standardized assignees - inventors removed

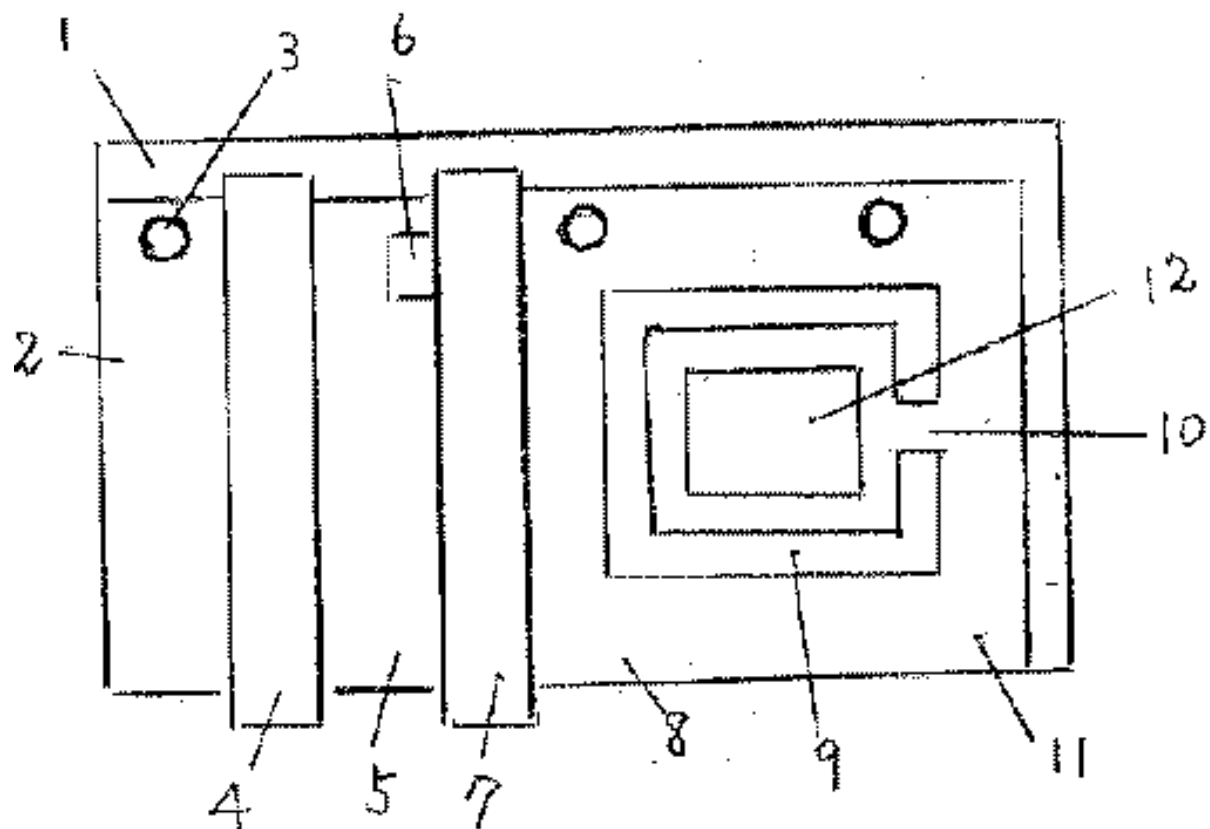
BIOMET

Family 14/15 - FAMPAT - ©Questel

Title

(JP2003276093)

Production method for three-dimensional continuous structure, production device, and its product

Images**Publication data including kind & date**[JP2003276093](#)

A 2003-09-30 JP2003276093

**Abstract**

(JP2003276093)

PROBLEM TO BE SOLVED: To provide a hard three-dimensional continuous structure extremely complicated in the outer and hollow shapes easily at a low cost.

SOLUTION: A two-dimensional image is printed on a metallic thin plate coated with photoresist and a mixture plate of solid fine powder and photoresist, and these plates are irradiated with light to laminate these plates except for a non-solidified part to be unified by diffusion-welding, sintering, or the like.

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Inventors

FUJIMURA AKIHIRO

Family 15/15 - FAMPAT - ©Questel

Title

(JP11174633)

Solid processing agent for silver halide photographic material, and preparation thereof

Publication data including kind & date

[JP11174633](#)

A

1999-07-02

JP11174633

**Abstract**

(JP11174633)

PROBLEM TO BE SOLVED: To provide a process for a solid processing agent improved in preparation stability, especially for a solid processing agent containing a deliquescent compound, and to provide the solid processing agent. SOLUTION: In a solid processing agent for a silver halide photographic material prepared through an agitation granulation process, a liquid added in the granulation process is added by a spraying system in this preparation, and the solid processing agent contains a deliquescent compound corresponding to 15-99% of total solid processing agent weight in the solid processing agent for the silver halide photographic material.

Inventors

SUZUKI TETSUYA

Koichi Fujino

Yutaka Ueda

Latest standardized assignees - inventors removed

KONICA