

INFORME DE BÚSQUEDA DE PATENTES				
N° de solicitud: 15-312329-00000-0000				
CRITERIOS PARA LA BÚSQUEDA (Anexar pantallazo o reporte en PDF, junto con los boléanos utilizados*. Para el caso de secuencias, anexar alineamientos)				
PALABRAS CLAVE UTILIZADAS		[Chemical Explorer]: Selected structures (1) AND STAC=(calcium 1w carbonate) and APD=19000101:20130712 AND SFT=(pH) AND SFT=(CONDUCTIVITY) AMINO AND ETHYL AND PROPANEDIOL AND /PD<20130712 AND CARBONATE AND CALCIUM		
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA		CIP: C01F 11/18, C01F 11/06, C09C 1/02 CPC:		
DOCUMENTOS CONSIDERADOS RELEVANTES (documentos patentes, literatura no patente, etc...)				
Informes/Base de datos	N° de solicitud/ Autor**	Fecha de Publicación/Presentación (DD/MM/AAAA)	Reiv. afectadas (Con indicación, si procede, de las partes relevantes o números de secuencias)	Categorías especiales de los documentos citados***
SIPI (Obligatoria)	12144268	24/08/2012		A
	14275891	16/12/2014		P
	16076548	29/03/2016		P
ISR EPO	EP2354191	10/08/2011		A
ISR EPO SIPO	EP2281853	09/02/2011		A
	EP2392622	07/12/2011		A
	WO2009017660	05/02/2009		A
SIPO	WO2011089176	28/07/2011		A
Patbase	US2002187910	12/12/2002		A
	US2009291213	26/11/2009		A
	US2009278895	12/11/2009		A
	US2010196603	05/08/2010		A
	US2010209611	19/08/2010		A
	US2012216719	30/08/2012		A
EPOQUENET	GB836335	01/06/1960		A
	GB815518	24/06/1959		A
	GB745900	07/03/1956		A
	GB839923	29/06/1960		A
Orbit	EP2592054	05/11/2014		P
	WO2014015090	23/01/2014		P
	WO2010135356	25/11/2010		A
	JP2002273477	24/09/2002		A
	JP2005141131	02/06/2005		A
*** Categorías especiales de documentos citados:				
“A” documento que define el estado general de la técnica no considerado como particularmente relevante. “E” solicitud de patente o patente anterior pero publicada en la fecha de presentación internacional o en fecha posterior. “P” documento publicado antes de la fecha de presentación internacional pero con posterioridad a la fecha de prioridad reivindicada.		“X” documento particularmente relevante; la invención reivindicada no puede considerarse nueva o que implique una actividad inventiva por referencia al documento aisladamente considerado. “Y” documento particularmente relevante; la invención reivindicada no puede considerarse que implique una actividad inventiva cuando el documento se asocia a otro u otros documentos de la misma naturaleza, cuya combinación resulta evidente para un experto en la materia.		
**** Indicar entre paréntesis la Autoridad que realizó la búsqueda o el informe preliminar Ejs: EPO, JP, INAPI.				

Literatura no patente

**Se incluye entre otros, toda la referencia de la literatura no patente.

Fecha del reporte de búsqueda:

09/07/2018

Easy search

11 results for ((PROPANEDIOL)/TI/AB/IW/TX AND (CALCIUM CARBONATE)/AB/IW AND (pH)/TI/AB/IW/1)

Filter options

- Legal status
 - Alive (8)
 - Dead (3)
- 1st application year
 - After 2015 (0)
 - 2011-2015 (4)
 - 2006-2010 (3)
 - 2001-2005 (3)
 - Before 2001 (1)
 - More...
- Assignee
- Litigations
- Oppositions

Display

#	Title	Publication number	1st app. date	Applicant/Assignee	Relevance	Litigation
1	Use of 2-amino-2-ethyl-1,3-propanediol as additive in aqueous suspensions of calcium carbonate-comprising materials while maintaining stable suspension	EP2824147	2013-07-12	OMYA*; OMYA...	100 %	
2	Aqueous suspensions of calcium carbonate-comprising materials with low deposit built up	EP2592054	2011-11-11	OMYA*	70 %	
3	Procédé de fabrication de pièces moulées à partir de mélanges de résines synthétiques durcissables comportant des charges, des renforcements ou des charges et renforcements	BE714061	1967-04-28	ALBERT CHEM...	67 %	
4	Electrophotographic toner	JP2016099517	2014-11-21	KAO*	65 %	
5	Photosensitive lithographic printing plate material	JP2005141131	2003-11-10	KONICA MINOL...	63 %	
6	Scale preventing method	JP2002273477	2001-03-21	KURITA WATE...	61 %	
7	Inkjet medium and inkjet recording method	WO2009028733	2007-08-30	FUJI KAKO; RI...	58 %	
8	Water-soluble pouch coated with a composition comprising silica flow aid	WO2014015090	2013-07-18	PROCTER & G...	55 %	
9	Lithographic printing original plate	JP2005309411	2005-03-23	FUJIFILM*	55 %	
10	Peptides for binding calcium carbonates and methods of use	US2009029902	2007-07-26	DU PONT DE N...	54 %	
11	Bioprocessing	WO2010135356	2010-05-18	PROXY RECO...	54 %	

Preview

Use of 2-amino-2-ethyl-1,3-propanediol as additive in aqueous suspensions of calcium carbonate-comprising materials while maintaining stable suspension

名称

名称	CAS 番号	沸点
2-アミノ-2-エチル-1,3-プロパンジオール	115-70-8	274-289 °C

[1] AEPD VOX 1000の技術的データシート (Form Number 319-00923 03surasshu15surasshu12 TC

Internal - Current DB: EPODOC - Search Recording ON

File Edit PDB X-File Options Help

CCI - A61Q5/04 ; A61K8/46

PA - GILLETTE CO

TI - Composition for use in the permanent waving of hair

AB - Amides or esters of alpha, alpha1-dimercaptodipic acid are made according to the examples. Sulphonic acid and benzene are reacted in absolute ethanol with the formation of water to give benzene and sulphuric acid are reacted in methoxy-ethanol with the formation of water to give (7), amidated with ammonia; (8) diethyl alpha, alpha1-dimercapto-adipate is reacted with mon an acid ion-exchange resin until a pH of 6.0 is obtained; the product is bis-N (beta-hydroxyethyl with diethyl alpha, alpha1-dimercapto adipate in methanol to give S,S1dihydrazinobisdimercap hairwaving comprises: (1) alpha, alpha1-dimecaptodipic acid or a mono- or di-salt, ester or a material such as sodium carbonate or a non-volatile amine, present in excess of the amount r the extent of 0.3 to 1.5 equivalent weight for each equivalent weight of the first component. C potassium, calcium, magnesium, ammonium, monoethanolamine, diethanolamine, monoisopr propanediol-1,3; its esters with methyl, ethyl, propyl, butyl, methoxy ethyl and iso-propoxy-pr atons, and its amides obtained from ammonia, hydrazine, methyl-, ethyl-, N-propyl- and butyl- diisopropanolamine. Compounds in which one carboxyl group is esterified and the other is neu specified as the second component include monoethanolamine and 2-amino-2-methyl propan hydroxide, ammonium carbonate and ammonium bicarbonate. Other reducing agents, e.g. am aqueous solution to the hair, which is then wound upon a former and may again be treated wi bromate or perborate or simply rinsed with water and subjected to aerial oxidation. The comp conditioners". In examples, the treating composition comprises, (2) diammonium alpha, alpha1 propanediol-1,3; (8) bis-N-(beta - hydroxyethyl) - dimercaptodipamide, and (9) S,S1-dihydraz

[SS 10] |

Help F2 F3 F4 F5 F6 F7 F8 F9

History - Internal

Database	SS	Status	Results	Query
EPODOC	1		407709 AMINO	
	2		186489 ETHYL	
	3		7867 PROPANEDIOL	
	4		87709950 /PD<20130712	
	5		203 1 AND 2 AND 3 AND 4	
	6		188956 CARBONATE	
	7		17 6 AND 5	
	8		286429 CALCIUM	
	9		4 7 AND 8	

Keep dialog open

Current Database

All Databases

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Rank and View

Send to Viewer

Save as 2

Add to Current W

Search 18: 13 and 1
Results 123

Explore search

Edit and resend search

Information Shortcuts

#	Search query	Results	Options
18	13 and 1	123	View Browse Hits Optimise more...
17	14 and 1	44	View Browse Hits Optimise more...
16	15 and 1	7	View Browse Hits Optimise more...
15	13 and 8	1094	View Browse Hits Optimise more...
14	13 and 5	6770	View Browse Hits Optimise more...
13	3 and 4	85505	View Browse Hits Optimise more...
12	8 and 6	16532	View Browse Hits Optimise more...
11	5 and 6	102391	View Browse Hits Optimise more...
10	3 or 4	more than 1,000,000	View Browse Hits Optimise more...
9	1 and 8	40	View Browse Hits Optimise more...
8	STAC=(calcium 1w carbonate) and APD=19000101:20130712	58387	View Browse Hits Optimise more...
7	1 and 5	496	View Browse Hits Optimise more...
6	3 or 4	more than 1,000,000	View Browse Hits Optimise more...
5	SFT=(calcium 1w carbonate) and APD=19000101:20130712	215678	View Browse Hits Optimise more...
4	SFT=(CONDUCTIVITY)	834454	View Browse Hits Optimise more...
3	SFT=(PH)	more than 1,000,000	View Browse Hits Optimise more...
2	SFT=(calcium 1w carbonate)	269496	View Browse Hits Optimise more...
1	[Chemical Explorer] Selected structures (1)	3348	View Browse Hits Optimise more...

Command Reference

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EUROPEAN SEARCH REPORT

Application Number

EP 13 17 6322

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A,D	EP 2 392 622 A1 (OMYA DEVELOPMENT AG [CH]) 7 December 2011 (2011-12-07) * paragraphs [0021] - [0050]; claims 1-20; example 1; table 1 *	1-21	INV. C09C1/02
A,D	EP 2 354 191 A1 (OMYA DEVELOPMENT AG [CH]) 10 August 2011 (2011-08-10) * paragraphs [0021] - [0049]; examples 1-2; tables 1-2 *	1-21	
A	EP 2 281 853 A1 (OMYA DEVELOPMENT AG [CH]) 9 February 2011 (2011-02-09) * paragraphs [0022] - [0049]; examples 1-3; tables 1-3 *	1-21	
A	WO 2009/017660 A2 (DIAL CORP [US]; KONISHI GREGORY A [US]; MARIN BRENDA C [US]; KAISER MA) 5 February 2009 (2009-02-05) * paragraphs [0039] - [0043] *	1-21	

No.	Document number or Document title	publication date (or application date of the conflicting application)
1	CN 102471606A	20120523
2	CN 102939344A	20130220

210402
2010. 2



The State Intellectual Property Office of People's Republic of China



3	CN 102712819A	20121003
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Número de Concesión / Certificado																							
Título	carbonato AND pH																						
Fecha de presentación	desde hasta	Número de prioridad																					
Fecha de orden de publicación	desde hasta	Fecha de prioridad	desde hasta																				
Fecha de Concesión	desde hasta	País de prioridad																					
Fecha de Vencimiento para Anualidad	desde hasta	Vigencia	desde hasta																				
Fecha de publicación	desde hasta	Fecha de entrada en fase nacional	desde hasta																				
Estado(s)	Seleccionar																						
Sector Tecnológico	Productos Químicos	Texto IPC																					
Tipo de solicitud		Tipo de Patente																					
Solicitante/Titular de la patente	<table border="1"> <thead> <tr> <th>Número de identificación</th> <th>Nombre(s)</th> <th>Apellido(s)</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td>OMYA INTERNATIONAL AG</td> <td></td> <td>Suprimir</td> </tr> <tr> <td></td> <td>OMYA INTERNATIONAL AG</td> <td></td> <td>Suprimir</td> </tr> <tr> <td></td> <td>OMYA INTERNATIONAL AG</td> <td></td> <td>Suprimir</td> </tr> <tr> <td></td> <td>OMYA INTERNATIONAL AG</td> <td></td> <td>Suprimir</td> </tr> </tbody> </table>			Número de identificación	Nombre(s)	Apellido(s)			OMYA INTERNATIONAL AG		Suprimir		OMYA INTERNATIONAL AG		Suprimir		OMYA INTERNATIONAL AG		Suprimir		OMYA INTERNATIONAL AG		Suprimir
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	OMYA INTERNATIONAL AG		Suprimir																				
	Apoderado																						

3 Casos asociados

Expediente No.	Título	Figura Característica	Fecha de presentación	Estado(s)	Titular
☐ 12144268	MÉTODO PARA INCREMENTAR EL PH DE UNA SUSPENSIÓN ACUOSA QUE COMPRENDE CARBONATO DE CALCIO		24 ago 2012	Concedido	OMYA INTERNATIONAL AG
☐ 14275891	SUSPENSIÓN ACUOSA QUE CONTIENE CARBONATO DE CALCIO Y POLÍMEROS TIPO PEINE QUE ES ESTABLE A PH ÁCIDO		16 dic 2014	Concedido	OMYA INTERNATIONAL AG
☐ 16076548	MATERIAL MICRONIZADO QUE CONTIENE CARBONATO ALCALINOTÉRREO PARA REGULAR EL PH DE UN SUELO		29 mar 2016	Requerimiento de Examen de Fondo	OMYA INTERNATIONAL AG

Reference is made to the following documents:

- D1 EP 2 392 622 A1 (OMYA DEVELOPMENT AG [CH]) 7 December 2011
(2011-12-07)cited in the application
- D2 EP 2 354 191 A1 (OMYA DEVELOPMENT AG [CH]) 10 August 2011
(2011-08-10)cited in the application
- D3 EP 2 281 853 A1 (OMYA DEVELOPMENT AG [CH]) 9 February 2011
(2011-02-09)
- D4 WO 2009/017660 A2 (DIAL CORP [US]; KONISHI GREGORY A [US];
MARIN BRENDA C [US]; KAISER MA) 5 February 2009 (2009-02-05)