

INFORME DE BÚSQUEDA DE PATENTES

N° de solicitud: NC2017/0001624

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	((VOC)/DESC/ODES AND (pigment AND dispersant AND defoamer AND coalescent AND rheolo+ AND biocide)/DESC/ODES) AND PD <= 2014-08-13 PIGMENT AND DISPERSANT AND DEFOAMER AND COALESCENT AND RHEOL* AND BIOCIDES AND PD=19000101:20140813 AND VOC AND PAINT /PD<20140813 AND voc AND pigment AND biocide
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA	CIP: C09D 5/00; C09D125/14; C09D5/14. 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)	NC2016/0002454	28/09/2016		P
	NC2016/0004229	17/11/2016		P
ISR	WO2005016976	24/02/2005		A
	WO9919083	22/04/1999		A
	US6635708	21/10/2003	1, 3, 4, 12, 16 (Ejemplo 2)	X
			2, 5 – 11, 13 – 15, 17 (Ejemplo 2)	Y
	US20090317327	24/12/2009		A
	EP1676831	05/07/2006		A
Patbase	WO2010008713	21/01/2010		A
	WO2008081036	01/07/2008	2, 5 – 11, 13 – 15, 17 (Ejemplo A1; Pág. 4, 5, 7, 17)	Y
	US2009149591	11/06/2009		A
	US2010326320	30/12/2010		A
Orbit	DE102008007713	06/08/2009		A
	CA2864252	22/08/2013		P
EPOQUENET	CN102093786	15/06/2011		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.
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**** 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:

02/08/2018

Internal - Current DB: EPODOC - Search Recording ON

File Edit PDB X-File Options Help

1/1 © EPODOC / EPO

PN - [CN102093786](#) A 20110615

PNFP - CN102093786B B 20130911

PR - CN2011101284 20110105

AP - CN2011101284 20110105

DT - I

CT - || STSE (A)
[CN101338099](#) A 20090107 [] (OCEAN POWER CORP [CN]);
[CN101108930](#) A 20080123 [] (YU QINGRONG [CN])

PA - (A B)
GUANGDONG MAYDOS BUILDING MATERIALS CO LTD

TI - (A B)
Environment-friendly interior wall latex paint with low heat conducting capacity

AB - (A)
The invention relates to an environment-friendly interior wall latex paint with a low heat cond comprising the following components by weight percent: 20.0-30.0% of water, 0.8-2.0% of dis 0.2-0.8% of defoaming agent, 15.0-25.0% of **pigment** and filler, 10.0-20.0% of hollow glass mi value regulating agent and 0.2-0.5% of **biocide** mildewcide. The interior wall latex paint disclos capacity and energy-saving and heat insulation functions, does not contain alkylphenol ethoxy organic compounds (**VOC**) in the interior wall latex paint are low, thus the interior wall latex pa meets strict environment requirements and has the low heat conducting capacity, and can be v

[SS 9]

Help F2 F3 F4 F5 F6 F7 F8 F9

History - Internal

Database	SS	Status	Results	Query
EPODOC	1		92062154	/PD<20140813
	2		12069	VOC
	3		165413	PIGMENT
	4		1848	1 AND 2 AND 3
	5		5495	BIOCIDES
	6		6373	DEFOAMER
	7		0	5 AND 6 AND 4
	8		1	4 AND 5

☒ Keep dialog open

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☒ All Databases ☐ Expand rows (Clust...

Save as preparation Rank and View Send to Viewer Save as 2

Easy search

Menu Filter Explorer

107 results for (VOC)/DESC/ODES AND (pigment AND dispersant AND defoamer AND coalescent AND rheo

Preview Image

Filter options

Legal status

Alive (80)

Dead (17)

1st application year

After 2015 (0)

2011-2015 (33)

2006-2010 (43)

2001-2005 (24)

Before 2001 (7)

More...

Assignee

Litigations

Oppositions

#	Title	Publication number	1st app. date	Applicant/Assignee	Relevanc	Litigatio
1	Aqueous coating compositions with de minimis volatile emissions	WO2010008713	2009-06-12	COLUMBIA INS...	100 %	
2	Wetting and dispersing agent	DE102008007713	2008-02-04	BYK CHEMIE*	85 %	
3	Monobenzoate useful as a plasticizer, coalescent in polymeric dispersions	CA2864252	2013-02-14	EMERALD KAL...	84 %	
4	Neutralizing agent for paints	FR2936525	2008-09-30	ARKEMA*	83 %	
5	Low odor compositions and methods to attain low odor compositions	CA2723345	2010-12-03	ROHM & HAAS*	82 %	
6	Low odor compositions and low odor coating compositions	CA2723335	2010-12-03	ROHM & HAAS*	82 %	
7	Low odour coating compositions and paints	EP2308934	2010-08-03	ROHM & HAAS*	81 %	
8	Amine neutralizing agents for low volatile compound organic paints	WO2008081036	2008-01-03	TAMINCO*, TA...	81 %	
9	Multistage emulsion polymer and improved pigment efficiency	CA2749419	2011-08-17	ROHM & HAAS*	80 %	
10	Aqueous coating compositions	WO2012166830	2012-05-31	ROHM & HAAS*	80 %	
11	Aqueous polymer dispersions	US20060223935	2006-03-21	ROHM & HAAS*	80 %	
12	Use of an aqueous dispersion of at least one biodegradable polymer containing at least one stabilizing agent for the preparation of an aqueous filmogenic composition	FR2862310	2003-11-17	ROQUETTE FR...	79 %	
13	Coating compositions	CA2186832	1996-09-27	ROHM & HAAS...	78 %	
14	Crush resistant latex topcoat composition for fiber cement substrates	US20070110981	2006-11-15	AXALTA COATI...	78 %	

Aqueous coating compositions with de minimis volatile emissions

FIG. 1 - Emission Factor Values for Untinted Paints after 24 Hrs

Sample	Emission Factor (g/m2 .hr)
Inventive Ex. 1A	~50
Comparative Ex. 1B	~150
Comparative Ex. 1C	~180
Comparative Ex. 1D	~850

Search 6: 4 and 5
Results 9

Explore search

Edit and resend search

#	Search query	Results	Options
6	4 and 5	9	View Browse Hits Optimise more...
5	STAC=(paint)	226585	View Browse Hits Optimise more...
4	2 and 3	14	View Browse Hits Optimise more...
3	STAC=(voc)	11722	View Browse Hits Optimise more...
2	SFT=(pigment AND dispersant AND defoamer AND coalescent AND rheol* AND biocide) and PD=19000101:20140813	92	View Browse Hits Optimise more...
1	PN=(WO2016023693)	1	View Browse Hits Optimise more...

Information Shortcuts

Command Reference

- Bibliographic data
- Textual data
- Update commands
- Operators
- Navigation / shortcuts

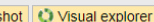
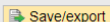
Search tools

- Patent Number Formats
- PatBase Thesaurus
- Classification Finder

Search 6: "4 and 5" 1-9 of 9

Display format: Scan

Sorted by: Relevance



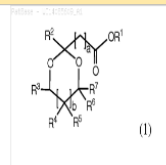
Display results

1) Family number: 56545668 (US2014147395A)

Similar Translate Full-text Status Citations

CARBOXY ESTER KETALS, METHODS OF MANUFACTURE, AND USES THEREOF

Abstract: Source: US2014147395A This disclosure is directed to compound of formula (1): wherein R1 is a C7-18 alkyl, R2 is hydrogen or a C1-3 alkyl, each R3, R4, R5, R6, and R7 is independently hydrogen or a C1-6 alkyl, a is 2-3, and b is 0-1, its method of preparation and uses thereof in water-borne coating compositions, cleaning compositions, fragrance, and personal care compositions.

Probable Assignee: GFBIOCHEMICALS LTD**Earliest Publication Date:** 20140529

2) Family number: 44250007 (US2011098376A)

Similar Translate Full-text Status Citations

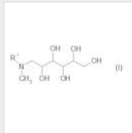
AQUEOUS COATING COMPOSITIONS WITH DE MINIMIS VOLATILE EMISSIONS

Abstract: Source: US2011098376A The present invention relates to an aqueous coating composition comprising a treated latex polymer dispersion with less than about 50 ppm of unreacted monomers. The latex polymer dispersion can be treated by various means, including stripping and chasing, to remove unreacted monomers



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	CLARIANT INTERNATIONAL LTD	Suprimir		
1034538	CLARIANT INTERNATIONAL LTD	Suprimir		
1032075	CLARIANT INTERNATIONAL LTD.	Suprimir		Buscar
1033424	CLARIANT INTERNATIONAL LTD.	Suprimir		
42752	CLARIANT INTERNATIONAL LTD.	Suprimir		
Mostrar / Ocultar columnas				
Buscar				
Contacto de la solicitud	Buscar	Inventor	Buscar	
Referencia				
Número de solicitud internacional PCT		Fecha de Solicitud Internacional PCT	desde	hasta
Número de Publicación Internacional PCT		Fecha de Publicación Internacional PCT	desde	hasta
Número de la gaceta		Fecha de la Gaceta	desde	hasta
Con/Sin Oposición		Número de Resolución		

10 Casos asociados

Expediente No.	Título	Figura Característica	Fecha de presentación	Estado(s)	Titular
☐ NC2016/0002454	COMPOSICIÓN PARA ELIMINACIÓN DE OXÍGENO EN MATERIAL PLÁSTICO		28 sep 2016	Requerimiento de Examen de Fondo	CLARIANT INTERNATIONAL LTD. CLARIANT MASTERBATCHES (ITALIA) SPA
☐ NC2016/0004229	PROCESO PARA HIDRÓLISIS AUTOSUFICIENTE DE MATERIAL LIGNOCELULÓSICO		17 nov 2016	Requerimiento de Examen de Fondo	CLARIANT INTERNATIONAL LTD
☐ NC2017/0001624	AMINAS DE BAJO VOC COMO UN COMPONENTE DE SUPERFICIE ACTIVA EN DISPERSIONES		20 feb 2017	Bajo Examen de Fondo	CLARIANT INTERNATIONAL LTD

D1 WO 2005/016976 A2 (ALBRIGHT ROBERT L [US])

24 February 2005 (2005-02-24)

D2 WO 99/19083 A1 (HENKEL CORP [US]; GOODREAU

BRUCE H [US]; PRESCOTT THOMAS J [US])

22 April 1999 (1999-04-22)