

INFORME DE BÚSQUEDA DE PATENTES				
N° de solicitud: NC2017/0003798				
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		((cipc OR chlorophenylisopropylcarbamate OR chlorpropham)/TI/AB/IW/CLMS AND (TERPEN+)/TI/AB/IW/CLMS AND (SPROUT+ OR TUBER)/TI/AB/IW/CLMS) AND PD <= 2014-10-20 SFT=(essential 1W oil) and PD=19000101:20141020 and STAC=(chlorpropham or cipc) cipc OR ipc AND limonene OR terpene AND /PD<20141020 AND potato+		
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA		CIP: A23B 7/154; A01N 27/00; A01N 65/00. 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)	14038695	24/02/2014		A
	NC2017/0003787	19/04/2017		A
	NC2017/0003792	19/04/2014		A
ISR EPO	US5811372	22/09/1998		A
	WO9210934	09/07/1992		A
	US6723364	20/04/2004	12 a 14 (Ejemplo 7)	X
ISR EPO Orbit EPOQUENET	US2006276336	07/12/2006	1 a 11 (Rev. 1, Párr. 0026)	Y
ISR	US2010316738	16/12/2010		A
	GB1603047	18/11/1981		A
	US2010298147	25/11/2010		A
Orbit EPOQUENET	US20050137090	23/06/2005		A
Patbase	US5580596	03/12/1996		A
	US5811372	22/09/1998		A
	US2013183419	18/07/2013	1 a 11 (Ejemplo 3)	Y
EPOQUENET	US2014287925	25/09/2014		A
	WO2005067718	28/07/2005		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:

19/10/2018

Internal - Current DB: EPODOC - Search Recording ON

File Edit PDB X-File Options Help

[A] 1-21
* column 2, line 45 - line 54 *;
[FR2778065](#) A3 19991105 [A] (LUXAN BV [NL])
[A] 1-21
* claim - *
* example . *;
[US5436226](#) A 19950725 [A] (LULAI EDWARD C [US], et al)
[A] 1-21
* examples 1,2 *
* claim 13 *;
[WO0032054](#) A1 20000608 [A] (XEDA INTERNATIONAL [FR], et al)
[A] 1-21
* claim - *
CCI - [A01N31/16](#) ; [A01N47/20](#) ; [A01N65/00](#) ; [A01N65/10](#) ; [A01N65/22](#) ; [A01N65/28](#) ; [A01N65/38](#) ;
CUI - [A01N25/22](#)
CLC - [A01N31/16](#) , [A01N2300/00](#) , INV
- [A01N47/20](#) , [A01N2300/00](#) , INV
- [A01N65/00](#) , [A01N2300/00](#) , INV
PA - XEDA INTERNATIONAL [FR]
TI - **CIPC** SOLUTIONS AND A **TERPENE** OR A **TERPENE** OIL AND USE THEREOF FOR ANTI-GERMINAT
AB - The invention relates to **CIPC** solutions and one or several terpenes or **terpene** oils and use the
particularly of application to the treatment of **potato** tubers.
[SS 14]

Help F2 F3 F4 F5 F6 F7 F8 F9

History - Internal

Database	SS	Status	Results	Query
EPODOC	1		62	CIPC
	2		5163	IPC
	3		3099	LIMONENE
	4		8889	TERPENE
	5		11581	3 OR 4
	6		5225	1 OR 2
	7		92911944	/PD<20141020
	8		10	5 AND 6 AND 7
	9		18211	SPROUT+
	10		0	9 AND 8
	11		10	8
	12		57665	POTATO+
	13		4	12 AND 8

☒ Keep dialog open

☐ Current Database
☒ All Databases

☐ Show metadata
☐ Expand rows (Clust...

Save as preparation Rank and View Send to Viewer Save as 2
☐ Add to Current W



Username: SIC5@patbase.com
Subaccount: none

Menu Search History Session Folder Order Help Logoff

#	Search query	Results	Options
20	18 and 14 and 6	6	View Browse Hits Optimise more...
19	18 and 16	8	View Browse Hits Optimise more...
18	STA=(sprout* or potato*) and PD=19000101:20141020	59396	View Browse Hits Optimise more...
17	8 and 16	340	View Browse Hits Optimise more...
16	14 and 15	1314	View Browse Hits Optimise more...
15	SFT=(terpen*) and PD=19000101:20141020	96551	View Browse Hits Optimise more...
14	SFT=(propham or ipc) and PD=19000101:20141020	37886	View Browse Hits Optimise more...
13	7 and 8	6	View Browse Hits Optimise more...
12	9 and 10	6	View Browse Hits Optimise more...
11	6 and 8 and 10	15	View Browse Hits Optimise more...
10	SFT=(chlorpropham or cipc) and PD=19000101:20141020	2422	View Browse Hits Optimise more...
9	7 and 8	6	View Browse Hits Optimise more...
8	SFT=(sprout* OR potato*)	248070	View Browse Hits Optimise more...
7	2 and 6	6	View Browse Hits Optimise more...
6	SFT=(essential 1W oil) and PD=19000101:20141020	16146	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

Register for a Webinar
Request online training
Video tutorials

Search 7: "2 and 6" 1-6 of 6

Display results

Display format: Classic Sorted by: Publication date asc Print Save/export Snapshot Visual explorer Analytics

1) Family number: 13847276 (US5580596A)

Similar Translate Full-text Status Citations

Title: [EN] SPROUT INHIBITOR FOR POTATOES

Abstract: Source: US5580596A [EN] The invention relates to a sprout inhibitor for potatoes which, as the main component, contains rape oil methylester and/or specific long-chain alcohols, eventually in mixture with the medium- and/or long-chain alcohols known for said purpose, and/or ethereal oil and/or the known chemical sprout-inhibitor agents, or to the use of rape oil methylester alone or the use of C18 to>C36- alcohols such as Espum EGA 162 (now Dehysan) alone, or in a mixture with rape oil methylester and/or other known sprout-inhibiting agents.

試 験	73>-168	油成分	64-1)168	使用量	活性物質
(X)	(X)	(X)	ml/1>	ml/1>	
1	30	10	-	50	15
2	40	60	-	50	20
3	25	10	5	50	15
4	0	0	0	0	0

Classifications: [Classification Explorer](#)

International (IPC 8-9): A01N31/02 A01N37/00 A01N37/02 A01N37/06 (Advanced/Invention);
A01N37/02 (Advanced/Non-invention);

A01N31/00 A01N37/00 A01N37/02 A01N37/06 (Core/Invention)

International (IPC 1-7): A01N31/02 A01N37/00 A01N37/02 A01N37/06 A01N47/20 A01N65/00 A23L3/34

CPC: A01N37/06

European: A01N37/06

US: 426/321 426/637 504/118

Easy search

Menu Filter Explorer

2 results for ((cipc OR chlorophenylisopropylcarbamate OR chloropham)/TI/AB/IW/CLMS AND (TERPE...)

Preview Image

Translate Edit Preview

Filter options

1st application year

Assignee

Litigations

Oppositions

IPC classification

US classification

#	Title	Publication number	1st app. date	Applicant/Assignee	Litigation
1	Process for anti-germination treatment of bulbs and tubers using CIPC and terpene or terpene oils	EP1728429	2005-06-02	XEDA INTERNATIONAL*	
Anti-germin and/or biocidal treatment of the bulbs or tubers, comprises either the application of chlorophenylisopropylcarbamate (CIPC) and a terpene or its salt or oil, where the ratio of CIPC to terpene or its oil is 1-3, or application of CIPC and (iso)eugenol and/or its salt or clove oil. ACTIVITY: Antibacterial. MECHANISM OF ACTION: None given.					
2	CIPC solutions and a terpene or a terpene oil and use thereof for anti-germinating treatment of bulbs or tubers	US20050137090	2003-12-18	XEDA INTERNATIONAL*	
The invention relates to CIPC solutions and one or several terpenes or terpene oils and use thereof for anti-germinating treatment of bulbs or tubers. The above is particularly of application to the treatment of potato tubers.					

EP1694126

2006-08-30

A1 - Application published with search report

IL175706

2006-09-05

A - Application of patent for invention

MA28232

2006-10-02

A1 - Patent of invention

FR2863825

2007-02-16

B1 - Patent of invention (second publication)

IN2140/CHENP/20X

2007-07-06

A - Application laid open

EG24331

2009-01-27

A - Patent for invention / Patent of addition

IN230293

2009-03-27

B - Patent

NZ547267

2009-03-31

A - Published application

AU2004313306

2010-01-28

B2 - Patent proceeded by OPI

EP1694126

2010-09-08

B1 - Patent specification

DE602004029082

2010-10-21

D1 - Grant (no unexamined application for publication)

ES2348948

2010-12-17

T3 - Translation of granted European patent

CA2548111

2010-12-21

C - Patent (second level)

IL175706

2013-07-31

B - Published Examined Application Laid open

US8791051

2014-07-29

B2 - Granted patent as second publication

US20140287925

2014-09-25

A1 - Application published

Priority Numbers & Dates

2003FR-0014908 2003-12-18,
2004US-10967137 2004-10-19,
2004WO-FR02851 2004-10-15,
2014US-14253277 2014-04-15

Application Numbers & Dates

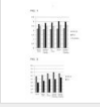
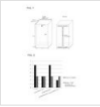
2003FR-0014908 2003-12-18,
2004AU-0313306 2004-10-14,
2006IL-0175706 2004-10-15,
2004US-10967137 2004-10-19,
2004NZ-0547267 2004-10-15,
2004ES-0621090T 2004-10-15,

Page 1 of 1 Record 2 of 2

Displaying records 1 - 2 of 2

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	Clasificación IPC	Seleccionar																							
Sector Tecnológico		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>701475</td> <td>ARYSTA LIFESCIENCE BENELUX</td> <td></td> <td>Suprimir</td> </tr> <tr> <td></td> <td>Arysta LifeScience Benelux Sprl.</td> <td></td> <td>Suprimir</td> </tr> <tr> <td></td> <td>ARYSTA LIFESCIENCE BENELUX SPRL</td> <td></td> <td>Suprimir</td> </tr> <tr> <td>1111645</td> <td>ARYSTA LIFESCIENCE BENELUX SPRL</td> <td></td> <td>Suprimir</td> </tr> <tr> <td>231035</td> <td>ARYSTA LIFESCIENCE NORTH AMERICA CORPORATION</td> <td></td> <td>Suprimir</td> </tr> </tbody> </table>	Número de identificación	Nombre(s)	Apellido(s)		701475	ARYSTA LIFESCIENCE BENELUX		Suprimir		Arysta LifeScience Benelux Sprl.		Suprimir		ARYSTA LIFESCIENCE BENELUX SPRL		Suprimir	1111645	ARYSTA LIFESCIENCE BENELUX SPRL		Suprimir	231035	ARYSTA LIFESCIENCE NORTH AMERICA CORPORATION		Suprimir	Apoderado
Número de identificación	Nombre(s)	Apellido(s)																								
701475	ARYSTA LIFESCIENCE BENELUX		Suprimir																							
	Arysta LifeScience Benelux Sprl.		Suprimir																							
	ARYSTA LIFESCIENCE BENELUX SPRL		Suprimir																							
1111645	ARYSTA LIFESCIENCE BENELUX SPRL		Suprimir																							
231035	ARYSTA LIFESCIENCE NORTH AMERICA CORPORATION		Suprimir																							
Contacto de la solicitud	Buscar	Inventor	Buscar																							

4 Casos asociados

Expediente No.	Título	Figura Característica	Fecha de presentación	Estado(s)	Titular
14038065	COMPOSICIÓN CONCENTRADA EN SUSPENSIÓN QUE COMPRENDE DODINA JUNTO CON ASISTENTES DE FORMULACIÓN		24 feb 2014	Concedido	ARYSTA LIFESCIENCE BENELUX
NC2017/0003787	LIMONENO: FORMULACIÓN E INSECTICIDA		19 abr 2017	Requerimiento de Examen de Fondo	ARYSTA LIFESCIENCE BENELUX SPRL
NC2017/0003792	MÉTODOS Y COMPOSICIÓN PARA MITIGAR EL CRECIMIENTO DE BROTES DE TUBÉRCULOS		19 abr 2017	Bajo Examen de Fondo	ARYSTA LIFESCIENCE BENELUX SPRL
NC2017/0003798	MÉTODO DE TRATAMIENTO PARA ANTIBROTE DE TUBÉRCULOS CON CANTIDAD REDUCIDA DE CIPC		19 abr 2017	Bajo Examen de Fondo	ARYSTA LIFESCIENCE BENELUX SPRL

[Obtener lista de resultados](#)

Reference is made to the following documents; the numbering will be adhered to in the rest of the procedure.

- D1 US 5 811 372 A (RIGGLE BRUCE D [US] ET AL) 22 September 1998 (1998-09-22)
- D2 EP 1 728 429 A1 (XEDA INTERNATIONAL [FR]) 6 December 2006 (2006-12-06)
- D3 WO 92/10934 A1 (US AGRICULTURE [US]) 9 July 1992 (1992-07-09)
- D4 WO 00/32063 A1 (XEDA INTERNATIONAL [FR]; BOMPEIX GILBERT [FR]; SARDO ALBERTO [FR]) 8 June 2000 (2000-06-08)

Reference is made to the following documents:

- D1 US 5 811 372 A (RIGGLE BRUCE D [US] ET AL) 22 September 1998 (1998-09-22)cited in the application
- D2 EP 1 728 429 A1 (XEDA INTERNATIONAL [FR]) 6 December 2006 (2006-12-06)cited in the application
- D3 WO 92/10934 A1 (US AGRICULTURE [US]) 9 July 1992 (1992-07-09)
- D4 WO 00/32063 A1 (XEDA INTERNATIONAL [FR]; BOMPEIX GILBERT [FR]; SARDO ALBERTO [FR]) 8 June 2000 (2000-06-08)cited in the application
- D5 US 2010/316738 A1 (JIMENEZ DESMOND [US] ET AL) 16 December 2010 (2010-12-16)
- D6 GB 1 603 047 A (DOTOLO V) 18 November 1981 (1981-11-18)
- D7 EP 2 253 208 A1 (XEDA INTERNATIONAL [FR]) 24 November 2010 (2010-11-24)