

INFORME DE BÚSQUEDA DE PATENTES

N° de solicitud: 13-044271-00000-0000

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 SFT=(Dichlorophenoxyacetic) and PD=19000101:20100915 AND SFT=(choline)
SFT=(drift) AND SFT=(glyphosate)
((DRIFT)/DESC/ODES AND (CHOLINE)/CLMS AND (GLYPHOSATE)/DESC/ODES AND
(SURFACTANT)/CLMS) AND (A01N)/IPC AND PD <= 2010-09-15
Dichlorophenoxyacetic AND /PD<20100915 AND choline

CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA CIP: A01N 57/00; A01P13/00; A01N25/24; A01N25/30

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)	10089491	22/07/2010		A
	11028666	09/03/2011		P
	11050627	26/04/2011		P
	11156688	17/11/2011		P
	14031180	13/02/2014		P
	14265362	02/12/2014		P
ISR SIPO	US20090318294	24/12/2009	1 a 3, 7 (Rev. 34; Párr. 0048)	X
	US20050261130	24/11/2005		A
EPO	EP2421372	29/02/2012		E
	WO2010020599	25/02/2010		A
	WO2010026127	11/03/2010		A
USPTO	US5998332	07/12/1999	1 a 3, 5 a 8 (Ejemplo 15; Col. 11 Líneas 44 – 56; Col. 12 Líneas 10 - 15)	X
			4, 9, 10 (Ejemplo 15; Col. 11 Líneas 44 – 56; Col. 12 Líneas 10 - 15)	Y
	Grover (1974)	05/1974		A
Patbase	WO2009056494	07/05/2009		A
	US2001029618	11/10/2001		A
	US2008207453	28/08/2008	4, 9, 10 (Párr. 0015, 0021, 0026, tabla 1)	Y
	US2005250938	10/11/2005		A
	US2011203017	18/08/2011		P
	EP2103216	23/09/2009		A
Orbit	EP2103216	23/09/2009		A
EPOQUENET	JPS5857303	19830405		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.

Grover, et al. Adsorption studies with the acid and dimethylamine forms of 2,4-D and dicamba. *Canadian Journal of Soil Science*, 1974, 54(2): 179-186.

Fecha del reporte de búsqueda:

04/10/2018

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2009/0318294 A1 (MALEC et al.) 24 Dec. 2009 (24.12.2009) para [0013]-[0069]	1-3, 7, 10-13, 17-18, 21
Y		4-6, 8-9, 14-16, 19-20
Y	US 2005/0261130 A1 (LENNON et al.) 24 Nov. 2005 (24.11.2005) para [0177], [0181], [0278], [0311]	4-6, 8-9, 14-16, 19-20

5. 本通知书引用下列对比文献（其编号在今后的审查过程中继续沿用）

编号	文件号或名称	公开日期 (或抵触申请的申请日)
1	US20090318294 A1	2009-12-24
2	US20050261130 A1	2005-11-24

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

- D1 EP 2 421 372 A1 (DOW AGROSCIENCES LLC [US]) 29 February 2012 (2012-02-29)
- D2 WO 2010/020599 A2 (AKZO NOBEL NV [NL]; ZHU SHAWN [US]) 25 February 2010 (2010-02-25)
- D3 WO 2010/026127 A1 (AKZO NOBEL NV [NL]; SUN JINXIA SUSAN [US]) 11 March 2010 (2010-03-11)

Claims 1-3 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Sato et al. (US 5,998,332; effective date December 7, 1999).

Claim 4 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Sato et al. (US 5,998,332; effective date December 7, 1999), as applied to claims 1-3, in view of Grover et al. (Adsorption studies with the acid and dimethylamine forms of 2,4-D and dicamba, *Canadian Journal of Soil Science*, 54: pg.179-186, May 1974).

Número de Concesión / Certificado

Título

Fecha de presentación

Fecha de orden de publicación

Fecha de Concesión

Fecha de Vencimiento para Anualidad

Fecha de publicación

Estado(s)

Sector Tecnológico

Tipo de solicitud

Solicitante/Titular de la patente

Número de prioridad

Fecha de prioridad

País de prioridad

Vigencia

Fecha de entrada en fase nacional

Clasificación IPC

Texto IPC

Tipo de Patente

Apoderado

Ver la clasificación completa del IPC

Buscar

Cerrar

9 Casos asociados

Expediente No.	Título	Figura Característica	Fecha de presentación	Estado(s)	Titular
10089491	DERIVADOS DE 5-FLUOROPIRIMIDINA-4-AMINA COMO FUNGICIDAS		22 jul 2010	Caducado	DOW AGROSCIENCES LLC.
11028666	UNA COMPOSICIÓN QUE COMPRENDE UN PLAGUICIDA QUE COMPRENDE UN GRUPO FUNCIONAL AMINA, UN ÁCIDO CARBOXÍLICO Y UN PIRETROIDE RESUELTO Y EPIMERIZABLE		09 mar 2011	Negada	DOW AGROSCIENCES LLC.
11050627	CONCENTRADOS EMULSIONABLES ESTABLES QUE CONTIENEN HERBICIDAS PIRIDINA EN FORMA DE SAL DE AMINA TERCIARIA Y HERBICIDAS PIRIDINAS EN FORMA ÉSTER		26 abr 2011	Concedido	DOW AGROSCIENCES LLC.
11156688	COMPUESTOS DERIVADOS DE N-CICLOPROPILO-FENILPIRIMIDIN-AMINA, COMO FUNGICIDAS		17 nov 2011	Caducado	DOW AGROSCIENCES LLC.
13044271	TENSIOACTIVOS DE AMINA Y ÓXIDO DE AMINA PARA CONTROLAR LA DESVIACIÓN DE ROCÍO DE UN HERBICIDA		05 mar 2013	Bajo Examen de Fondo	DOW AGROSCIENCES LLC.
14031180	COMPLEJOS DE ÁCIDOS CARBOXÍLICOS HERBICIDAS Y POLÍMEROS QUE CONTIENEN AMINA U OLIGÓMEROS		13 feb 2014	Concedido	DOW AGROSCIENCES LLC.
14265362	PROCESO PARA PRODUCIR DERIVADOS DE 2-(PIRIDIN-3-IL)-1,3-TIAZOL-5-AMINA		02 dic 2014	Concedido	DOW AGROSCIENCES LLC.
15175806	TENSIOACTIVOS DE AMINA Y ÓXIDO DE AMINA PARA CONTROLAR LA DESVIACIÓN DE ROCÍO DE UN HERBICIDA		05 mar 2013	Bajo Examen de Fondo	DOW AGROSCIENCES LLC.
15175829	TENSIOACTIVOS DE AMINA Y ÓXIDO DE AMINA PARA CONTROLAR LA DESVIACIÓN DE ROCÍO DE UN HERBICIDA		05 mar 2013	Negada	DOW AGROSCIENCES LLC.

Seleccionar todo - Ninguno

Mostrar / Ocultar columnas

PatBase

Username: sic7@patbase.com
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Menu Search History Session Folder Order Help Logoff

Search 26: "2 AND 6 AND 7 AND 14" 1-5 of 5

Display format: Scan Sorted by: Relevance

Print Save/export Snapshot Visual explorer Analytics

Display results

1) Family number: 34457276 (US2011203017A) Similar Translate Full-text Status Citations

NOVEL HERBICIDE RESISTANCE GENES

Abstract: Source: US2011203017A The subject invention provides novel plants that are not only resistant to 2,4-D, but also to pyridyloxyacetate herbicides. Heretofore, there was no expectation or suggestion that a plant with both of these advantageous properties could be produced by the introduction of a single gene. The subject invention also includes plants that produce one or more enzymes of the subject invention "stacked" together with one or more other herbicide resistance genes. The subject invention enables novel combinations of herbicides to be used in new ways. Furthermore, the subject invention provides novel methods of preventing the development of, and controlling, strains of weeds that are resistant to one or more herbicides such as **glyphosate**. The preferred enzyme and gene for use according to the subject invention are referred to herein as AAD-12 (AryloxyAlkanoate Dioxigenase). This highly novel discovery is the basis of significant herbicide tolerant crop trait and selectable marker opportunities.

Probable Assignee: DOW AGROSCIENCES

Earliest Publication Date: 20070510

2) Family number: 30479779 (US2001029618A) Similar Translate Full-text Status Citations

TRANSGENIC MAIZE WITH INCREASED MANNITOL CONTENT

Easy search [] Save strategy

Menu Filter Explorer << 1 results for ((DRIFT)/DESC/ODES AND (CHOLINE)/CLMS AND (GLYPHOSATE)/DESC/ODES AND (SURFACTANT) >> Preview Image

Filter options

1st application year

- After 2015 (0)
- 2011-2015 (0)
- 2006-2010 (1)
- 2001-2005 (0)
- Before 2001 (0)

Assignee

- BAYER CROPSCIENCE (1)

Litigations

Oppositions

IPC classification

US classification

#	Title	Publication number	1st app. date	Applicant/Assignee	Litigation
1	Selected salts of 3-(5,6-dihydro-1,4,2-dioxazine-3-yl)-n-[(4,6-dimethoxypyrimidine-2-yl)carbamoyl]pyridine-2-sulfonamide, method for the production thereof, and use thereof as herbicides and plant growth regulators	EP2103216	2008-03-19	BAYER CROPSCIENCE*	

The present invention relates to selected salts of 3-(5,6-dihydro-1,4,2-dioxazine-3-yl)-n-[(4,6-dimethoxypyrimidine-2-yl)carbamoyl]pyridine-2-sulfonamide, to a method for the production thereof, and to the use thereof as herbicides, particularly as herbicides for the selective combating of undesired noxious weeds in legumes, or for the non-selective combating of undesired noxious weeds in non-cultivated land, and as plant growth regulators either alone, or with safeners, and/or in combination with other herbicides, the use thereof for combating undesired noxious weeds (such as pest plant or grasses) is known in special plant cultures, or as plant protection regulators, while simultaneously and/or sequentially using the same either as a ready-to-use formulation or as a tank mixture.

Selected salts of 3-(5,6-dihydro-1,4,2-dioxazine-3-yl)-n-[(4,6-dimethoxypyrimidine-2-yl)carbamoyl]pyridine-2-sulfonamide, method for the production thereof, and use thereof as herbicides and plant growth regulators

Page 1 of 1 Record 1 of 1

Internal - Current DB: EPODOC - Search Recording ON

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Results in EPODOC 1

[SS 5] ..li

1/1 © EPODOC / EPO

PN - JP55857303 A 19830405

PR - JP19810153990 19810930

AP - JP19810153990 19810930

DT - I

CT - JP55139306 A []

FI - A01N43/40&101D; C07D213/81

FT - 4C055/AA01; 4C055/BA01; 4C055/CA01; 4C055/DA58; 4C055/DB01; 4C055/DB02; 4C055/DB03; 4H011/BB04; 4H011/BB06; 4H011/BB09; 4H011/BB17

PA - CHUGAI PHARMACEUTICAL CO LTD

TI - PLANT GROWTH REGULATOR

AB - PURPOSE: A plant growth regulator useful for gramineous plants, having synergistic action and well-known plant growth regulators such as isonicotinic acid anilide, maleic acid hydrazide **chc** regulator comprising a mixture of a compound shown by the formula (R is H, lower alkyl, or p halogen, benzoyl, etc.), maleic acid hydrazide **choline** salt, 2,4-dichlorophenoxyacetic acid, 2-diisopropyl, N-(dimethylamino)- succinic acid monoamide, etc. as an active ingredient. Showing layer and effective as an agent for preventing rice plant from falling independently of applicati

[SS 5]

History - Internal

Database	SS	Status	Results	Query
EPODOC	1		684	DICHLOROPHENOXYACETIC
	2		77527621	/PD<20100915
	3		9459	CHOLINE
	4		1	1 AND 2 AND 3

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