INFORME DE BÚSQUEDA DE PATENTES	
N° de solicitud: 16147134	
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	PYRROLIDINONES HERBICIDES, pyrrolidinecarboxamide
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA	**CIP**: A01N 43/50, A01N 43/48, A01N 43/36, A01N 43/40, A01N 43/76.
	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	-			
ISA/IPEA (****) EPO KIPO	US2006019831	2006-01-26	1-7 y 11	Y
EPO				
USPTO				
JPO				
KIPO				
Patbase*	DE1262277	1968-03-07	1-7 y 11	Y
EPOQUE NET*				
ORBIT				
Google Patents				
Patent Lens				
Espacenet				
NCBI				

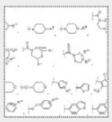
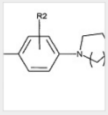
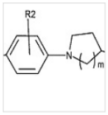
*** Categorías especiales de documentos citados:

"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:	20-03-2018

Expediente No.	Título	Figura Característica	Estado (s)	Examinador Principal	Titular	Sector Tecnológico
08110816	DERIVADOS DE [4, 5, 6, 7-TETRAHIDRO-1H-INDAZOL-5-IL]-2-PIRROLIDINONA SUSTITUIDOS POR FENILO O BIFENILO COMO INHIBIDORES DE 11-BETAHIDROXIESTEROIDE DESHIDROGENASA		Concedido	AMIRA VILLA ROJAS	ELI LILLY AND COMPANY	Ciencias Médicas y Farmacéuticas
09097361	FORMA DE DOSIFICACIÓN QUE COMPRENDE 1-{6-[3-CICLOBUTIL-2,3,4,5-TETRAHIDRO-1H-3- BENZAZEPIN-7-IL)OXI]-3-PIRIDINIL}-2-PIRROLIDINONA O UNA SAL DEL MISMO, UN ESTABILIZADOR PARA REDUCIR SU DEGRADACIÓN Y UN EXCIPIENTE		Negada	SIC	GLAXO GROUP LIMITED	Ciencias Médicas y Farmacéuticas
11068488	PIPERIDINA ESPIRO PIRROLIDINONA Y PIPERIDINONA SUSTITUIDAS USADAS COMO MODULADORES DE H3		Negada	SIC	SANOFI	Ciencias Médicas y Farmacéuticas
11068492	TETRAHIDROPIRAN ESPIRO PIRROLIDINONA Y PIPERIDINONA SUSTITUIDAS, SU PREPARACIÓN Y SU USO TERAPÉUTICO		Caducado	JUAN CARLOS CHAPARRO VELEZ	SANOFI	Ciencias Médicas y Farmacéuticas
97073566	CEFALOSPORINAS DE VINIL PIRROLIDINONA CON SUSTITUYENTES BASI COS		Negada	SIC	F HOFFMANN LA ROCHE A G	Ciencias Médicas y Farmacéuticas

Seleccionar todo - Ninguno Mostrar / Ocultar columnas

Reference is made to the following documents:

D1 Database Registry [Online], Chemical Abstracts Service, (2002-01-20), Database accession no. 384812-08-2

D2 WO 2004/037787 A1 (2004-05-06)

D3 US 4 874 422 A (1989-10-17)

D4 Database WPI, Thomson Scientific, London, GB; Database accession no. 2000-224252 ; & WO 00/09481 A1 (2000-02-24)

D5 WO 2014/065413 A1 (2014-05-01)

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name
*	A	US-2016/0137639 A1	05-2016	KOTOKU; Masayuki

PatBase - Search results 22 March 2018
Search query (1): [Chemical Explorer]: Selected structures (40)
Results: 7

Search history
Search 1: [Chemical Explorer]: Selected structures (40) (Results 7)

1) Family number: 31453678 (GB200101227A)

PHARMACEUTICAL COMPOUNDS

Abstract: Source: GB200101227A A compound which is a cyclic amide of formula (I): <EMI ID=1.1 HE=36 WI=99 LX=274 LY=816 TI=CF> wherein X is CHR^2 or -$C(R^3)=C(R^4)$- wherein R^2 is H, C_1 -C_6 alkyl or Ar and R^3 and R^4, together with the carbon atoms to which they are attached, form a benzene ring which is unsubstituted or substituted; R^1 is H, C_1 -C_6 alkyl, -$(CH_2)_n$Ar or an unsaturated carbocyclic group which is unsubstituted or substituted; n is 1 to 10; Ar is an unsaturated carbocyclic group or unsaturated heterocyclic group which is unsubstituted or substituted preferably benzothiophen; and Z is tetrazole or CO_2R^5 wherein R^5 is H or C_1 -C_6 alkyl; and the pharmaceutically acceptable salts thereof have activity as inhibitors of plasminogen activator inhibitor (PAI-1) for use in treating haemostatic or thrombotic disorders.

Probable Assignee: XENOVA LTD

Earliest Publication Date: 20020911

2) Family number: 59461058 (US2016297756A)

PYRROLIDINONES AS HERBICIDES

Abstract: Source: US2016297756A wherein R1, R2, R3, R4, R5, R6, Q1, Q2, Y1, and Y2 are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula 1 and methods for controlling undesired vegetation comprising contacting the undesired vegetation or its environment with an effective amount of a compound or a composition of the invention.

Probable Assignee: DU PONT

Earliest Publication Date: 20150611

3) Family number: 62659874 (US2018057442A)

3-OXO-3-(ARYLAMINO)PROPANOATES, A PROCESS FOR THEIR PREPARATION, AND THEIR USE IN PREPARING PYRROLIDINONES

Abstract: Source: US2018057442A Disclosed are compounds of Formula I, including

all stereoisomers and salts thereof, wherein Q^1, Q^2 and R are as defined in the disclosure. Also disclosed is a method for preparing a compound of Formula I,

comprising contacting a compound of Formula II

- • with a compound of Formula III
- • optionally in the presence of a catalyst or a base to form a compound of Formula

I. Further disclosed is a method for preparing a compound of Formula IV, comprising reductively cyclizing a compound of Formula I in the presence of a reducing agent.

Probable Assignee: DU PONT

Earliest Publication Date: 20160616

4) Family number: 63740431 (US2018049437A)

SUBSTITUTED CYCLIC AMIDES AS HERBICIDES

Abstract: Source: US2018049437A Disclosed are compounds of Formula 1, including

all stereoisomers, N-oxides, and salts thereof, wherein R^1, R^4, R^5, R^6, Q^1, Q^2, Y^1, and Y^2 are as defined in the disclosure; and T is J^1 -A- and also as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula 1 and methods for controlling undesired vegetation comprising contacting the undesired vegetation or its environment with an effective amount of a compound or a composition of the invention.

Probable Assignee: DU PONT

Earliest Publication Date: 20161013

5) Family number: 64288856 (WO16196593A1)

SUBSTITUTED CYCLIC AMIDES AND THEIR USE AS HERBICIDES

Abstract: Disclosed are compounds of Formula 1, N-oxides of the compounds and salts of the compounds and N-oxides: wherein R1, R2, R3, R4, R5, R6, Q1, Q2, J, YI and Y2 are as defined in the disclosure. Also disclosed are compositions containing the compounds, N-oxides and salts, and methods for controlling undesired vegetation comprising contacting the undesired vegetation or its environment with an effective amount of such a compound, N-oxide, salt or composition.

Probable Assignee: DU PONT

Earliest Publication Date: 20161208

6) Family number: 64776761 (WO17178582A1)

HERBICIDAL PYRIDAZINONE COMPOUNDS

Abstract: The present invention relates to compounds of Formula (I), or an agronomically acceptable salt of said compounds wherein A1, R1, Ra, Rb, Rc and Rd are as defined herein. The invention further relates to herbicidal compositions which comprise a compound of Formula (I), to intermediate compounds used to produce compounds of Formula (I), to processes for producing compounds of Formula (I) and to the use of compounds of Formula (I) for controlling weeds, in particular in crops of useful plants.

Probable Assignee: SYNGENTA PARTICIPATIONS AG

Earliest Publication Date: 20171019

7) Family number: 7235684 (US4927831A)

SPIRO-ISOQUINOLINE-PYRROLIDINE TETRONES AND ANALOGS THEREOF USEFUL AS ALDOSE REDUCTASE INHIBITORS

Abstract: Source: US4927831A This invention relates to spiro-isoquinoline-pyrrolidine tetrones and their pharmaceutically acceptable salts thereof, to processes for their preparation, to methods for using the compounds, and to pharmaceutical preparations thereof. The compounds have pharmaceutical properties which render them beneficial for the prevention of diabetes mellitus associated complications.

Probable Assignee: WYETH

Earliest Publication Date: 19900420