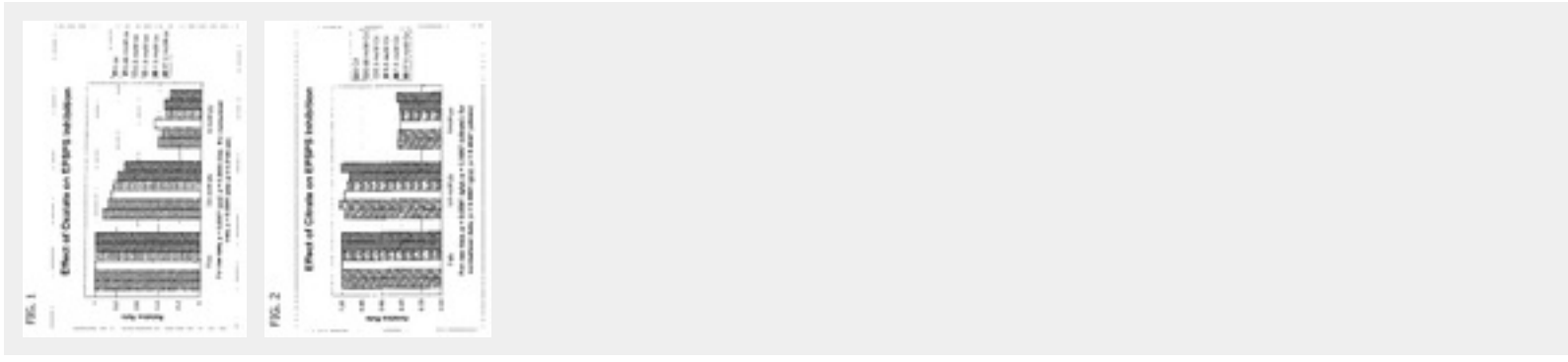


Glyphosate formulations and their use for the inhibition of 5-enolpyruvylshikimate-3-phosphate synthase

Abstract

Images (2)



Classifications

A61K31/19 Carboxylic acids, e.g. valproic acid

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US7771736B2

United States

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Inventor: William Abraham

Current Assignee : Monsanto Technology LLC

Worldwide applications

2003 - **US**

Application US10/652,684 events ⓘ

2002-08-30 • Priority to US40703202P

2003-08-29 • Application filed by Monsanto Technology LLC

2003-08-29 • Priority to US10/652,684

2003-12-01 • Assigned to MONSANTO TECHNOLOGY LLC ⓘ

2004-04-22 • Publication of US20040077608A1

2010-08-10 • Application granted

2010-08-10 • Publication of US7771736B2

2019-02-21 • Application status is Active

2027-09-03 • Adjusted expiration

Info: Patent citations (4), Non-patent citations (15), Cited by (1), Legal events, Similar documents, Priority and Related Applications

External links: USPTO, USPTO Assignment, Espacenet, Global Dossier, Discuss

Description

Claims (8)

Patent Citations (4)

Publication number	Priority date	Publication date	Assignee	Title
US3903297A	1973-11-01	1975-09-02	Upjohn Co	Method of treatment and prophylaxis of gastric hypersecretion and gastric and duodenal ulcers using prostaglandin analogs
US3977860A *	1971-08-09	1976-08-31	Monsanto Company	Herbicidal compositions and methods employing esters of N-phosphonomethylglycine
US5863863A *	1995-06-27	1999-01-26	Kao Corporation	Liquid enhancer composition for amino acid series herbicides
US5877186A	1997-04-28	1999-03-02	Parapro, LLC	Carotenoid synthesis inhibiting herbicides and fatty acid synthesis inhibiting oxime herbicides as anti-apicomplexa protozoan parasite agents
Family To Family Citations				
* Cited by examiner, † Cited by third party				

Non-Patent Citations (15)

Title
Coombs et al. "Recent advances in the search for new anti-coccidial drugs" International Journal for Parasitology, vol. 32, No. 5 (May 2002) pp. 497-508.
Du et al. "Characterization of Streptococcus pneumoniae 5-enolpyruvylshikimate 3-phosphate synthase and its activation by univalent cations" Eur. J. Biochem., vol. 267 (2000) pp. 222-227.
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Stokkermans et al. "Inhibition of Taxoplasma gondii Replication by Dinitroaniline Herbicides" Experimental Parasitology, vol. 84 (1996) pp. 355-370.
* Cited by examiner, † Cited by third party

Cited By (1)

Publication number	Priority date	Publication date	Assignee	Title
Family To Family Citations				
WO2016077648A1 *	2014-11-11	2016-05-19	Neymeyer Calvin E	Method of treating pre-cancerous lesion with glyphosate, and compositions thereof
* Cited by examiner, † Cited by third party, ‡ Family to family citation				

Similar Documents

Publication	Publication Date	Title
Balfour et al.	1999	Moxifloxacin
US20050130881A1	2005-06-16	Single amino acid based compounds for counteracting effects of reactive oxygen species and free radicals
US20060099244A1	2006-05-11	Liposomal formulation for oral administration of glutathione (reduced)
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Chan et al.	2002	Nitric oxide in Mycobacterium tuberculosis infection
Hollingdale et al.	1985	Plasmodium berghiei: inhibitors of ornithine decarboxylase block exoerythrocytic schizogony
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US20140336131A1	2014-11-13	Methods for treating inflammation, autoimmune disorders and pain
US6974821B2	2005-12-13	Methods for treating neuropsychiatric disorders
US20090281047A1	2009-11-12	Compositions And Methods For Immunotherapy
US20040116523A1	2004-06-17	Use of c4-c10 acids for preventing gram-negative bacterial infections
WO2006060120A2	2006-06-08	Liposomal formulation for oral administration of glutathione (reduced)
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WO2012107708A1	2012-08-16	Administration regime for nitrocatechols
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EP0974349A1	2000-01-26	Athletic endurance increasing agent
US20070003590A1	2007-01-04	Methods of Treating Microbial Infections
WO2013063695A1	2013-05-10	Compositions and methods for preventing and treating oral diseases

Priority And Related Applications

Priority Applications (2)

Application	Priority date	Filing date	Title
US40703202P	2002-08-30	2002-08-30	<i>US Provisional Application</i>
US10/652,684	2002-08-30	2003-08-29	Glyphosate formulations and their use for the inhibition of 5-enolpyruvylshikimate-3-phosphate synthase

Applications Claiming Priority (1)

Application	Filing date	Title
US10/652,684	2003-08-29	Glyphosate formulations and their use for the inhibition of 5-enolpyruvylshikimate-3-phosphate synthase

Legal Events

Date	Code	Title	Description
2003-12-01	AS	Assignment	Owner name: MONSANTO TECHNOLOGY LLC, MISSOURI Free format text: ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:ABRAHAM, WILLIAM;REEL/FRAME:014177/0363 Effective date: 20031029
2011-03-22	CC	Certificate of correction	
2014-02-10	FPAY	Fee payment	Year of fee payment: 4
2018-02-12	MAFP		Free format text: PAYMENT OF MAINTENANCE FEE, 8TH YEAR, LARGE ENTITY (ORIGINAL EVENT CODE: M1552) Year of fee payment: 8