INFORME DE BÚSQUEDA DE PATENTES	
N° de solicitud: NC2017/0005383	
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	(TI=("grape marc" OR "grape pomace" OR grape OR "marc grape" OR "pomace grape")) (((lipase NEAR/10 inhibit)) OR ((trypsin NEAR/10 inhibit))) ((A61K) OR (A61P))
CLASIFICACIONES UTILIZADAS PARA LA BÚSQUEDA	**CIP**: A61K31/05; A61K31/7004; A61K36/87; A61K45/06; A61P3/04; A61P3/10
	CPC: A61K31/05; A61K31/7004; A61K36/87; A61K45/06; A61P3/04; A61P3/10; A61K2300/00

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)	----	----	----	----
Patbase*	US2006277887	14/12/2006	----	A
	US5468734	21/11/1995	----	A
	WO2013133685	10/10/2013	----	A
	CN102366093	07/03/2012	----	A
	CN103961395	06/08/2014	----	A
Google Patents	WO200054610	21/09/2000	----	A
	JP2010059105	18/03/2010	----	Y
Espacenet	JP2008094754	24/04/2008	2 - 8, 10, 13 - 17, 19 y 20	X
	CN102630753	15/08/2012	----	Y
	CN102614203	01/08/2012	----	Y
STN	JP2008094754	24/04/2008	----	Y
	CN101874525	03/11/2010	----	Y

*** 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:	03/08/2018

Fecha de radicación	desde [ ] hasta [ ]	Estado(s)	Seleccionar
Decision Date_ES	desde [ ] hasta [ ]		
Solicitante/Titular	Número de identificación / Nombre(s) / Apellido(s) 2016000004 — InQpharm Group Sdn Bhd — Suprimir INQPHARM GROUP SDN BHD — Suprimir Mostrar / Ocultar columnas Buscar	Contacto de la solicitud	Buscar
		Examinador Principal	Seleccionar
Con/Sin Oposición	[ ]	Número de Resolución	[ ]
	Buscar - Limpiar		

2 Casos asociados

	Número de solicitud	Tipo de solicitud	Título/Denominación	Etiqueta	Fecha de radicación	Estado(s)	Examinador Principal	Titular
☐	NC2017/0005383	Patente PCT	COMPOSICIONES INHIBIDORAS		26 may 2017	Bajo Examen de Fondo	LEONARDO FERNANDEZ RODRIGUEZ	INQPHARM GROUP SDN BHD
☐	NC2017/0005599	Patente PCT	COMPOSICIÓN QUE COMPRENDE GLUCOMANANO, CARRAGENINA, GOMA XANTANO Y UNA SAL DE CATIÓN MONOVALENTE O DIVALENTE		06 jun 2017	Bajo Examen de Fondo	LYNA DEL CARMEN MORDECAY DUNOYER	INQPHARM GROUP SDN BHD

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Number: wo2016/085321 Search examples: EP1612402, US2006000447A1, JP20090214944

WO2015MY00098

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CCD Viewer — Export

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#	CC	Cat.	Citation details	Claims
1	WO		**Application Nº WO2015MY00098** (WOMY2015/000098) - 26 November 2015 International Search Report	
		XY	**CN102630753 A (SUZHOU XIANKUO BIOTECH CO LTD)** - 15 August 2012	
		Y	CN102614203 A (SUZHOU XIANKUO BIOTECH CO LTD) - 1 August 2012	
		Y	JP2010059105 A (UNITIKA LTD) - 18 March 2010 * abstract *	1-26,28-31,35,38,40-42
		X	*Vinegar: medicinal uses and antiglycemic effect* Authors: Carol S Johnston, Cindy A Gaas Publication data: MedGenMed: Medscape General Medicine, 20060101 WEBMD MEDSCAPE HEALTH NETWORK, NEW YORK, NY Source info: Vol: 8, Nr: 2, Page(s): 61 * page 4 *	1-26,28-31,35,38,40-42
		X	*Determination of Free Proline and Monosaccharides in Wine Samples by High-Performance Anion-Exchange Chromatography with Pulsed Amperometric Detection (HPAEC-PAD)* Authors: Tommaso R I Cataldi, Donatella Nardiello Publication data: Journal of Agricultural and Food Chemistry, 20030601 American Chemical Society, Books and Journals Division, US Source info: Vol: 51, Nr: 13, Page(s): 3737 - 3742 * tables 4, 5 *	1-20
		X	*Simultaneous determination of sugars and organic acids in aged vinegars and chemometric data analysis* Authors: Cocchi M, Durante C, Grandi M, Lambertini P, Manzini D, Marchetti A Publication data: TALANTA, 20060715 ELSEVIER, AMSTERDAM, NL Source info: Vol: 69, Nr: 5, Page(s): 1166 - 1175 * figure 3 *	1-20
		X Y	*Soymilk for reducing blood glucose and lipids comprises fresh milk, bean flour, cane sugar, active composition comprising xylo-oligosaccharide and L-arabinose, composite emulsion stabilizer, and water* Authors: CHEN G, LI X, NIU A Publication data: WPI / THOMSON, 20120815 Source info: Vol: 2013, Nr: 1 * abstract *	1-3,6,7,13,15-26,28-31,35,38,40-42 4,5,8-12,14
		Y	*Xylooligosaccharide composition used for reducing blood sugar, comprises xylooligosaccharide and L-arabinose* Authors: CHEN G, FENG Q, LI X Publication data: WPI / THOMSON, 20120801	1-26,28-31,35,38,40-42

Simple families: 1 — Total family members: 11 (1)

CN102630753.A (WO2015MY00098) [also published as]

Biblio | Description | Claims | Original document

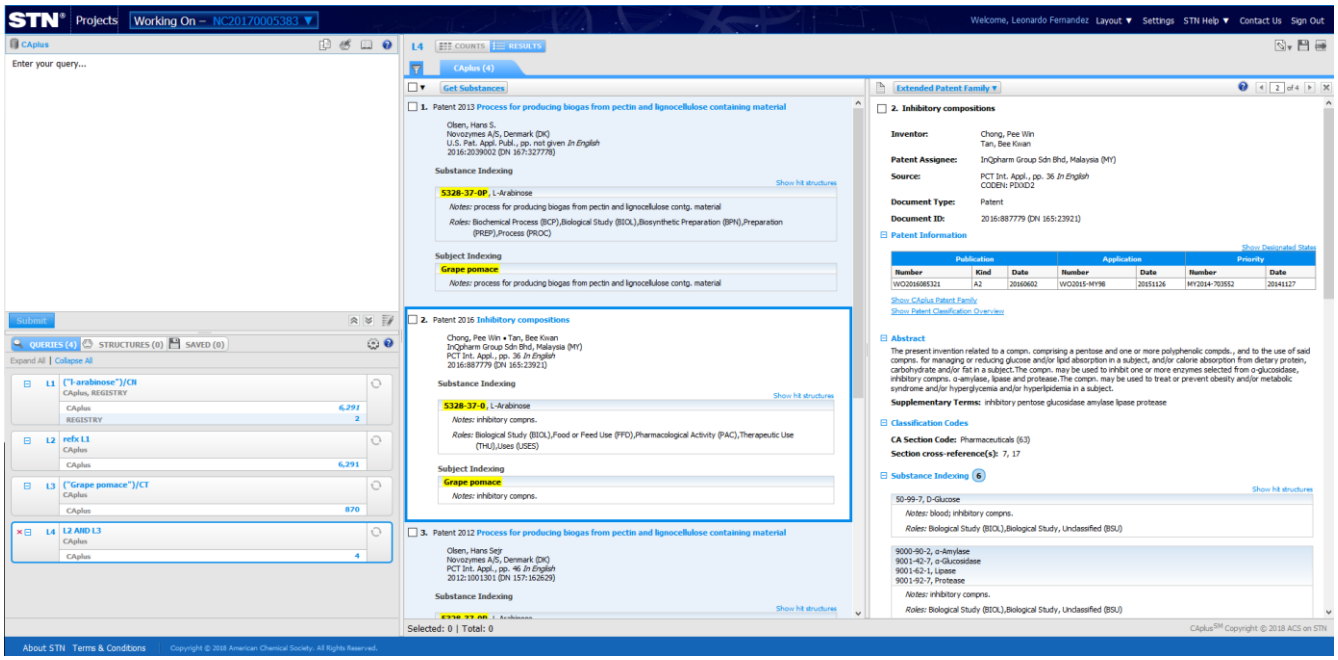
Bibliographic data: CN 102630753 (A)

Soymilk with functions of reducing blood glucose and lipid

Publication date:	15 August 2012
Inventor(s):	ANJUN NIU; GONG CHEN; XU LI
Applicant(s):	SUZHOU XIANKUO BIOTECH CO LTD
Classifications:	**International:** *A23C9/152; A23C11/02*
Application number:	CN20121107351 20120413
Priority number(s):	CN2012154364 20120305
	CN20121107351 20120413

Abstract of CN 102630753 (A)

The invention discloses soymilk with functions of reducing blood glucose and lipid. The soymilk is prepared from the following raw materials in percentage by mass: 0.05 to 50 percent of fresh milk, 1 to 40 percent of bean flour, 0 to 10 percent of cane sugar, 0.01 to 40 percent of active compound, 0.01 to 0.2 percent of composite emulsified stabilizing agent and the balance of water, wherein the active compound comprises xylo-oligosaccharide and L-arabinose. The soymilk contains the xylo-oligosaccharide and the L-arabinose which generate a synergistic effect; due to the synergistic effect, an alpha-glucosaccharase activity suppression effect, a lipase activity suppression effect and a cholesterol esterase activity suppression effect on the xylo-oligosaccharide and the L-arabinose are enhanced; and the soymilk can well reduce blood glucose, lipid and cholesterol.


STN Projects Working On – NC2017000538 3
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CAplus
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L4 COUNTS RESULTS
CAplus (4)
Get Substances
1. Patent 2013 Process for producing biogas from pectin and lignocellulose containing material
Olsen, Hans S.
Novozymes A/S, Denmark (DK)
U.S. Pat. Appl. Publ., pp. not given In English
2016:2039002 (DN 167:327778)
Substance Indexing
Show hit structures
5328-37-0P, L-Arabinose
Notes: process for producing biogas from pectin and lignocellulose contg. material
Roles: Biochemical Process (BCP),Biological Study (BIOL),Biosynthetic Preparation (BPN),Preparation (PREP),Process (PROC)
Subject Indexing
Grape pomace
Notes: process for producing biogas from pectin and lignocellulose contg. material
2. Patent 2016 Inhibitory compositions
Chong, Pee Win • Tan, Bee Kwan
InQpharm Group Sdn Bhd, Malaysia (MY)
PCT Int. Appl., pp. 36 In English
2016:887779 (DN 165:23921)
Substance Indexing
Show hit structures
5328-37-0, L-Arabinose
Notes: inhibitory comps.
Roles: Biological Study (BIOL),Food or Feed Use (FFD),Pharmacological Activity (PAC),Therapeutic Use (THU),Uses (USES)
Subject Indexing
Grape pomace
Notes: inhibitory comps.
3. Patent 2012 Process for producing biogas from pectin and lignocellulose containing material
Olsen, Hans Sejr
Novozymes A/S, Denmark (DK)
PCT Int. Appl., pp. 46 In English
2012:1001301 (DN 157:162629)
Substance Indexing
Show hit structures
Extended Patent Family
2. Inhibitory compositions
Inventor: Chong, Pee Win
Tan, Bee Kwan
Patent Assignee: InQpharm Group Sdn Bhd, Malaysia (MY)
Source: PCT Int. Appl., pp. 36 In English
CODEN: PIXXD2
Document Type: Patent
Document ID: 2016:887779 (DN 165:23921)
Patent Information
Publication
Application
Priority
Number
Kind
Date
WO2016085321
A2
20160602
WO2015-MY98
20151126
MY2014-703552
20141127
Show CAplus Patent Family
Show Patent Classification Overview
Abstract
The present invention related to a compn. comprising a pentose and one or more polyphenolic compds., and to the use of said comps. for managing or reducing glucose and/or lipid absorption in a subject, and/or calorie absorption from dietary protein, carbohydrate and/or fat in a subject.The compn. may be used to inhibit one or more enzymes selected from α-glucosidase, inhibitory comps. α-amylase, lipase and protease.The compn. may be used to treat or prevent obesity and/or metabolic syndrome and/or hyperglycemia and/or hyperlipidemia in a subject.
Supplementary Terms: inhibitory pentose glucosidase amylase lipase protease
Classification Codes
CA Section Code: Pharmaceuticals (63)
Section cross-reference(s): 7, 17
Substance Indexing 6
50-99-7, D-Glucose
Notes: blood; inhibitory comps.
Roles: Biological Study (BIOL),Biological Study, Unclassified (BSU)
9000-90-2, α-Amylase
9001-42-7, α-Glucosidase
9001-62-1, Lipase
9001-92-7, Protease
Notes: inhibitory comps.
Roles: Biological Study (BIOL),Biological Study, Unclassified (BSU)
Submit
QUERIES (4) STRUCTURES (0) SAVED (0)
Expand All | Collapse All
L1 ("l-arabinose")/CN
CAplus, REGISTRY
CAplus 6,291
REGISTRY 2
L2 refx L1
CAplus
CAplus 6,291
L3 ("Grape pomace")/CT
CAplus
CAplus 870
L4 L2 AND L3
CAplus
CAplus 4
Selected: 0 | Total: 0
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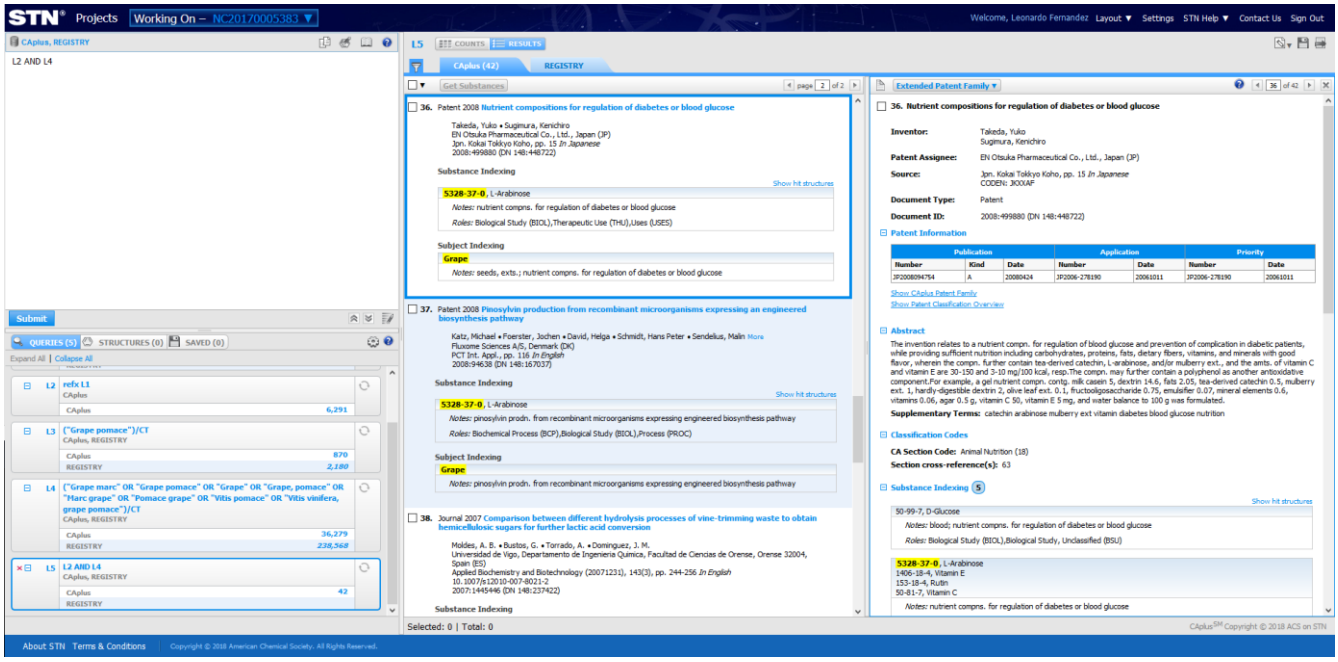
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L2 AND L4
L5 COUNTS RESULTS
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page 2 of 2
36. Patent 2008 Nutrient compositions for regulation of diabetes or blood glucose
Takeda, Yuko • Sugimura, Kenichiro
EN Otsuka Pharmaceutical Co., Ltd., Japan (JP)
Jpn. Kokai Tokkyo Koho, pp. 15 In Japanese
2008:499880 (DN 148:448722)
Substance Indexing
Show hit structures
5328-37-0, L-Arabinose
Notes: nutrient comps. for regulation of diabetes or blood glucose
Roles: Biological Study (BIOL),Therapeutic Use (THU),Uses (USES)
Subject Indexing
Grape
Notes: seeds, exts.; nutrient comps. for regulation of diabetes or blood glucose
37. Patent 2008 Pinosylvin production from recombinant microorganisms expressing an engineered biosynthesis pathway
Katz, Michael • Foerster, Jochen • David, Helga • Schmidt, Hans Peter • Sendelius, Malin More
Fluxome Sciences A/S, Denmark (DK)
PCT Int. Appl., pp. 116 In English
2008:94638 (DN 148:167037)
Substance Indexing
Show hit structures
5328-37-0, L-Arabinose
Notes: pinosylvin prodn. from recombinant microorganisms expressing engineered biosynthesis pathway
Roles: Biochemical Process (BCP),Biological Study (BIOL),Process (PROC)
Subject Indexing
Grape
Notes: pinosylvin prodn. from recombinant microorganisms expressing engineered biosynthesis pathway
38. Journal 2007 Comparison between different hydrolysis processes of vine-trimming waste to obtain hemicellulosic sugars for further lactic acid conversion
Moldes, A. B. • Bustos, G. • Torrado, A. • Dominguez, J. M.
Universidad de Vigo, Departamento de Ingeniería Química, Facultad de Ciencias de Orense, Orense 32004, Spain (ES)
Applied Biochemistry and Biotechnology (20071231), 143(3), pp. 244-256 In English
10.1007/s12010-007-8021-2
2007:1445446 (DN 148:237422)
Substance Indexing
Extended Patent Family
36. Nutrient compositions for regulation of diabetes or blood glucose
Inventor: Takeda, Yuko
Sugimura, Kenichiro
Patent Assignee: EN Otsuka Pharmaceutical Co., Ltd., Japan (JP)
Source: Jpn. Kokai Tokkyo Koho, pp. 15 In Japanese
CODEN: JKXXAF
Document Type: Patent
Document ID: 2008:499880 (DN 148:448722)
Patent Information
Publication
Application
Priority
Number
Kind
Date
JP2008094754
A
20080424
JP2006-278190
20061011
JP2006-278190
20061011
Show CAplus Patent Family
Show Patent Classification Overview
Abstract
The invention relates to a nutrient compn. for regulation of blood glucose and prevention of complication in diabetic patients, while providing sufficient nutrition including carbohydrates, proteins, fats, dietary fibers, vitamins, and minerals with good flavor, wherein the compn. further contain tea-derived catechin, L-arabinose, and/or mulberry ext., and the amts. of vitamin C and vitamin E are 30-150 and 3-10 mg/100 kcal, resp.The compn. may further contain a polyphenol as another antioxidative component.For example, a gel nutrient compn. contg. milk casein 5, dextrin 14.6, fats 2.05, tea-derived catechin 0.5, mulberry ext. 1, hardly-digestible dextrin 2, olive leaf ext. 0.1, fructooligosaccharide 0.75, emulsifier 0.07, mineral elements 0.6, vitamins 0.06, agar 0.5 g, vitamin C 50, vitamin E 5 mg, and water balance to 100 g was formulated.
Supplementary Terms: catechin arabinose mulberry ext vitamin diabetes blood glucose nutrition
Classification Codes
CA Section Code: Animal Nutrition (18)
Section cross-reference(s): 63
Substance Indexing 5
50-99-7, D-Glucose
Notes: blood; nutrient comps. for regulation of diabetes or blood glucose
Roles: Biological Study (BIOL),Biological Study, Unclassified (BSU)
5328-37-0, L-Arabinose
1406-18-4, Vitamin E
153-18-4, Rutin
50-81-7, Vitamin C
Notes: nutrient comps. for regulation of diabetes or blood glucose
Submit
QUERIES (5) STRUCTURES (0) SAVED (0)
Expand All | Collapse All
L2 refx L1
CAplus
CAplus 6,291
L3 ("Grape pomace")/CT
CAplus, REGISTRY
CAplus 870
REGISTRY 2,180
L4 ("Grape marc" OR "Grape pomace" OR "Grape" OR "Grape, pomace" OR "Marc grape" OR "Pomace grape" OR "Vitis pomace" OR "Vitis vinifera, grape pomace")/CT
CAplus, REGISTRY
CAplus 36,279
REGISTRY 238,568
L5 L2 AND L4
CAplus, REGISTRY
CAplus 42
REGISTRY
Selected: 0 | Total: 0
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8 1 AND 6 37 View | Browse | Hits | Optimise | more...
7 3 AND 6 4 View | Browse | Hits | Optimise | more...
6 STAC=(amylase OR glucosidase OR "glycoside hidrolase" OR "glycosidase" OR "glycosyl hydrolase") 23229 View | Browse | Hits | Optimise | more...
5 SFT=(amylase OR glucosidase OR "glycoside hidrolase" OR "glycosidase" OR "glycosyl hydrolase") 72067 View | Browse | Hits | Optimise | more...
4 1 AND 3 1 View | Browse | Hits | Optimise | more...
3 STAC=("grape marc" OR "grape pomace" OR "vitis pomace") 519 View | Browse | Hits | Optimise | more...
2 1 and ("grape marc" OR "grape pomace" OR "vitis pomace") 1 View | Browse | Hits | Optimise | more...
1 STAC="l-arabinose") 1098 View | Browse | Hits | Optimise | more...
Command Reference
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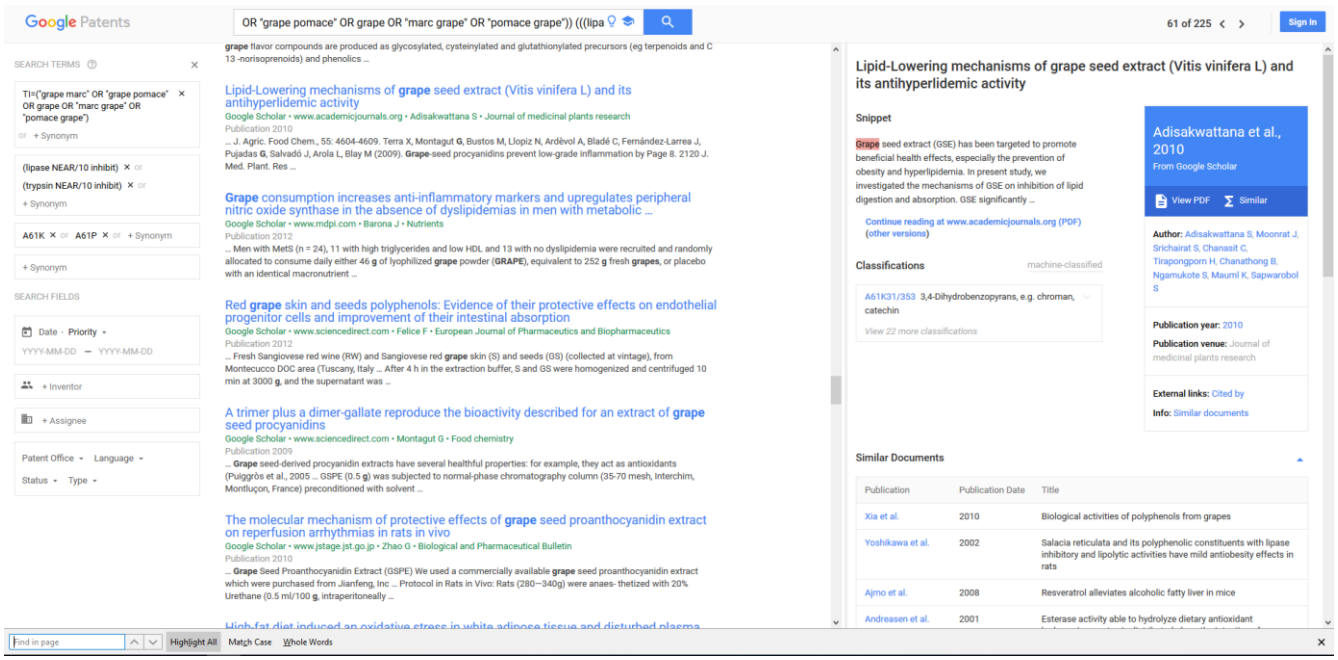
Patent Number Formats


Google Patents
OR "grape pomace" OR grape OR "marc grape" OR "pomace grape")) (((lipa
61 of 225
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SEARCH TERMS
TI=("grape marc" OR "grape pomace" OR grape OR "marc grape" OR "pomace grape")
or + Synonym
(lipase NEAR/10 inhibit) or
(trypsin NEAR/10 inhibit) or
+ Synonym
A61K or A61P or + Synonym
+ Synonym
SEARCH FIELDS
Date · Priority
YYYY-MM-DD — YYYY-MM-DD
+ Inventor
+ Assignee
Patent Office Language
Status Type
grape flavor compounds are produced as glycosylated, cysteinylated and glutathionylated precursors (eg terpenoids and C 13 -norisoprenoids) and phenolics ...
Lipid-Lowering mechanisms of grape seed extract (Vitis vinifera L) and its antihyperlidemic activity
Google Scholar • www.academicjournals.org • Adisakwattana S • Journal of medicinal plants research
Publication 2010
... J. Agric. Food Chem., 55: 4604-4609. Terra X, Montagut G, Bustos M, Llopiz N, Ardèvol A, Bladé C, Fernández-Larrea J, Pujadas G, Salvadó J, Arola L, Blay M (2009). Grape-seed procyanidins prevent low-grade inflammation by Page 8. 2120 J. Med. Plant. Res ...
Grape consumption increases anti-inflammatory markers and upregulates peripheral nitric oxide synthase in the absence of dyslipidemias in men with metabolic ...
Google Scholar • www.mdpi.com • Barona J • Nutrients
Publication 2012
... Men with MetS (n = 24), 11 with high triglycerides and low HDL and 13 with no dyslipidemia were recruited and randomly allocated to consume daily either 46 g of lyophilized grape powder (GRAPE), equivalent to 252 g fresh grapes, or placebo with an identical macronutrient ...
Red grape skin and seeds polyphenols: Evidence of their protective effects on endothelial progenitor cells and improvement of their intestinal absorption
Google Scholar • www.sciencedirect.com • Felice F • European Journal of Pharmaceutics and Biopharmaceutics
Publication 2012
... Fresh Sangiovese red wine (RW) and Sangiovese red grape skin (S) and seeds (GS) (collected at vintage), from Montecucco DOC area (Tuscany, Italy ... After 4 h in the extraction buffer, S and GS were homogenized and centrifuged 10 min at 3000 g, and the supernatant was ...
A trimer plus a dimer-gallate reproduce the bioactivity described for an extract of grape seed procyanidins
Google Scholar • www.sciencedirect.com • Montagut G • Food chemistry
Publication 2009
... Grape seed-derived procyanidin extracts have several healthful properties: for example, they act as antioxidants (Puiggròs et al., 2005 ... GSPE (0.5 g) was subjected to normal-phase chromatography column (35-70 mesh, Interchim, Montluçon, France) preconditioned with solvent ...
The molecular mechanism of protective effects of grape seed proanthocyanidin extract on reperfusion arrhythmias in rats in vivo
Google Scholar • www.jstage.jst.go.jp • Zhao G • Biological and Pharmaceutical Bulletin
Publication 2010
... Grape Seed Proanthocyanidin Extract (GSPE) We used a commercially available grape seed proanthocyanidin extract which were purchased from Jianfeng, Inc ... Protocol in Rats in Vivo: Rats (280—340g) were anaes- thetized with 20% Urethane (0.5 ml/100 g, intraperitoneally ...
High-fat diet induced an oxidative stress in white adipose tissue and disturbed plasma
Lipid-Lowering mechanisms of grape seed extract (Vitis vinifera L) and its antihyperlidemic activity
Snippet
Grape seed extract (GSE) has been targeted to promote beneficial health effects, especially the prevention of obesity and hyperlipidemia. In present study, we investigated the mechanisms of GSE on inhibition of lipid digestion and absorption. GSE significantly ...
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Classifications
machine-classified
A61K31/353 3,4-Dihydrobenzopyrans, e.g. chroman, catechin
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Adisakwattana et al., 2010
From Google Scholar
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Author: Adisakwattana S, Moonrat J, Srichairat S, Chanasit C, Tirapongporn H, Chanathong B, Ngamukote S, Mauml K, Sapwarobol S
Publication year: 2010
Publication venue: Journal of medicinal plants research
External links: Cited by
Info: Similar documents
Similar Documents
Publication
Publication Date
Title
Xia et al.
2010
Biological activities of polyphenols from grapes
Yoshikawa et al.
2002
Salacia reticulata and its polyphenolic constituents with lipase inhibitory and lipolytic activities have mild antiobesity effects in rats
Ajmo et al.
2008
Resveratrol alleviates alcoholic fatty liver in mice
Andreasen et al.
2001
Esterase activity able to hydrolyze dietary antioxidant
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