

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference Diamond2	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/MY2017/050014	International filing date (<i>day/month/year</i>) 04 April 2017	(Earliest) Priority Date (<i>day/month/year</i>) 22 February 2017
Applicant DIAMOND STAR GLOBAL SDN. BHD		
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of 5 sheets. <input type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.		
<p>1. Basis of the report</p> <p>a. With regard to the language, the international search was carried out on the basis of:</p> <p style="padding-left: 20px;"><input checked="" type="checkbox"/> The international application in the language in which it was filed.</p> <p style="padding-left: 20px;"><input type="checkbox"/> A translation of the international application into , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).</p> <p>b. <input type="checkbox"/> This international search report has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).</p> <p>c. <input type="checkbox"/> With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.</p> <p>2. <input type="checkbox"/> Certain claims were found unsearchable (See Box No. II).</p> <p>3. <input type="checkbox"/> Unity of invention is lacking (See Box No. III).</p> <p>4. With regard to the title,</p> <p style="padding-left: 20px;"><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p style="padding-left: 20px;"><input type="checkbox"/> the text has been established by this Authority to read as follows:</p> <p>5. With regard to the abstract,</p> <p style="padding-left: 20px;"><input type="checkbox"/> the text is approved as submitted by the applicant.</p> <p style="padding-left: 20px;"><input checked="" type="checkbox"/> the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> <p>6. With regard to the drawings,</p> <p>a. the figure of the drawings to be published with the abstract is Figure No. I</p> <p style="padding-left: 20px;"><input checked="" type="checkbox"/> as suggested by the applicant.</p> <p style="padding-left: 20px;"><input type="checkbox"/> as selected by this Authority, because the applicant failed to suggest a figure.</p> <p style="padding-left: 20px;"><input type="checkbox"/> as selected by this Authority, because this figure better characterizes the invention.</p> <p>b. <input type="checkbox"/> none of the figures is to be published with the abstract.</p>		

Box No. IV Text of the Abstract (Continuation of item 5 of the first sheet)

A method for improving an organoleptic properties of beverage substance, comprising steps of; pouring a magnetized liquid into a container; and soaking the beverage substance into the container, in such way that the magnetized liquid weaken intra-molecular bonding and enhance the inter-molecular bonding of the liquid molecules to form a magnetic field such that the organoleptic properties of the beverage substance improved without having direct contact to the substance using a magnetized liquid.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/MY2017/050014

A. CLASSIFICATION OF SUBJECT MATTER

C12H 1/12 (2006.01) C02F 1/48 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, PATENW & X-Full (EPODOC, WPIAP & English Full-text public databases), Google Patents, Espacenet Worldwide. CPC/IPC: C02F1/48, C02F1/481, C02F1/482, C02F1/484, C02F1/485, C02F2201/48, C02F1/005, C02F1/42, C02F2001/422, C02F1/30, C02F1/283, C02F2304/06, C02F2201/006, C02F9, C12, C12H1, C12H1/12, C12H1/165, A23L, A23L2/70, A23L3, A23L3/26, B01D35/06. Keywords: improve, develop, depth, modify, wine, alcohol, beverage, tannin, organoleptic, taste, age, magnet, magnetise, indirect, treat, ion-exchange, ion, ionise, release, liquid, fluid, water, infra-red, radiation, activated, carbon, charcoal, ceramic, food, alkalise, mineral, nutrient, maifan, feldspar, hornblende, biotite, silicate & the like. Google & Google Scholar search with keywords: magnetize, magnetic, field, magnet, water, liquid, wine, alcohol, beverage, ion-exchange, ionize, far infrared rays, ceramic, effect, properties, tension, viscosity, vaporise & the like. Applicant/Inventor search in Google Patents, Espacenet Worldwide, Auspat, Google Scholar & internal databases.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Documents are listed in the continuation of Box C		

 Further documents are listed in the continuation of Box C
 See patent family annex

* Special categories of cited documents:		
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search 3 July 2017	Date of mailing of the international search report 03 July 2017
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INTERNATIONAL SEARCH REPORT C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		International application No. PCT/MY2017/050014
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2012/0125831 A1 (HUANG) 24 May 2012 abstract; Figs 1-2; paragraphs [0039-51]	1-10
Y	US 2008/0169232 A1 (LEE) 17 July 2008 abstract; Figs 1-4; paragraphs [0006], [0015], [0018-21] & [0033-35]	1-10
Y	US 2009/0230032 A1 (FLICK) 17 September 2009 title; abstract; Figs 1-2; paragraphs [0001-2], [0005], [0008], [0011], [0024-27]; claim 1	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/MY2017/050014

This Annex lists known patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document/s Cited in Search Report		Patent Family Member/s	
Publication Number	Publication Date	Publication Number	Publication Date
US 2012/0125831 A1	24 May 2012	US 2012125831 A1	24 May 2012
		US 8852430 B2	07 Oct 2014
		TW 201221477 A	01 Jun 2012
		TW I422530 B	11 Jan 2014
US 2008/0169232 A1	17 July 2008	US 2008169232 A1	17 Jul 2008
		US 7658845 B2	09 Feb 2010
		AU 2005260374 A1	12 Jan 2006
		AU 2005260374 B2	11 Feb 2010
		CA 2571841 A1	12 Jan 2006
		CN 1972876 A	30 May 2007
		EP 1768932 A1	04 Apr 2007
		JP 2008504127 A	14 Feb 2008
		JP 4522450 B2	11 Aug 2010
		KR 100479715 B1	21 Mar 2005
		WO 2006004329 A1	12 Jan 2006
		ZA 200700059 B	25 Jun 2008
		US 2009/0230032 A1	17 September 2009
US 8092673 B2	10 Jan 2012		
CA 2657856 A1	12 Sep 2009		
EP 2127541 A1	02 Dec 2009		

End of Annex

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

Form PCT/ISA/210 (Family Annex)(July 2009)