

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 64401	<b>FOR FURTHER ACTION</b>	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/IL2015/051194	International filing date ( <i>day/month/year</i> ) 09 Dec 2015	(Earliest) Priority Date ( <i>day/month/year</i> ) 09 Dec 2014
Applicant GOLAN Ezekiel		

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 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

the international application in the language in which it was filed.

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)).

b.  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)).

c.  With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2.  **Certain claims were found unsearchable** (see Box No. II).

3.  **Unity of invention is lacking** (see Box No. III).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

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.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b.  none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL2015/051194

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC (2016.01) C07C 211/42, C07C 309/66, C07D 295/096, C07D 317/70, C07D 319/18, C12G 3/08, A23L 2/00  According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>  Minimum documentation searched (classification system followed by classification symbols) IPC (2016.01) C07C 211/42, C07C 309/66, C07D 295/096, C07D 317/70, C07D 319/18, C12G 3/08, A23L 2/00  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) Databases consulted: THOMSON INNOVATION, Esp@cenet, Google Patents, CAPLUS, REGISTRY, Google Scholar Search terms used: alcoholic beverage substitutes, reward, intoxicatin, dopamine D3		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5708018 A UPJOHN CO?[US] 13 Jan 1998 (1998/01/13) absrract, claim1	1-48
Y	BOYCE, Janel M.; RISINGER, Fred O. Enhancement of ethanol reward by dopamine D3 receptor blockade. Brain research, 2000, 880.1: 202-206. BOYCE, Janel M.; RISINGER, Fred O 01 Jan 2000 (2000/01/01) all document	1-48
Y	HEIDBREDER, Christian A., et al. Role of dopamine D3 receptors in the addictive properties of ethanol. Drugs Today, 2004, 40.4: 355-65. HEIDBREDER, Christian A., et al 01 Jan 2004 (2004/01/01) all documents	1-48
Y	VENGELIENE, Valentina, et al. The dopamine D3 receptor plays an essential role in alcohol-seeking and relapse. The FASEB journal, 2006, 20.13: 2223-2233. VENGELIENE, Valentina, et al. 01 Jan 2006 (2006/01/01) all document	1-48
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> 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 "E" earlier application or patent but published on or after the international filing date "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) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "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 "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 "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 "&" document member of the same patent family		
Date of the actual completion of the international search 17 Mar 2016		Date of mailing of the international search report 22 Mar 2016
Name and mailing address of the ISA: Israel Patent Office Technology Park, Bldg.5, Malcha, Jerusalem, 9695101, Israel Facsimile No. 972-2-5651616		Authorized officer VOLKOV Karina  Telephone No. 972-2-5651777

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International application No.

PCT/IL2015/051194

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2009125923 A KOREA RESERACH INST OF CHEMICA?[KR]; SEONG CHURLMIN?[KR]; PARK CHUL MIN?[KR]; KIM SOYOUNG?[KR]; PARK WOOKYU?[KR]; PARK NOSANG?[KR] 15 Oct 2009 (2009/10/15) all document	1-48

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No. PCT/IL2015/051194
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Patent document cited search report	Publication date	Patent family member(s)	Publication Date
US 5708018 A	13 Jan 1998	US 5708018 A	13 Jan 1998
		AT 187436 T	15 Dec 1999
		AU 7513494 A	28 Feb 1995
		DE 69422044 D1	13 Jan 2000
		DE 69422044 T2	31 May 2000
		DK 0712387 T3	29 May 2000
		EP 0712387 A1	22 May 1996
		EP 0712387 B1	08 Dec 1999
		ES 2139750 T3	16 Feb 2000
		GR 3032508 T3	31 May 2000
		JP H09501429 A	10 Feb 1997
		JP 3342491 B2	11 Nov 2002
		LV 12630 A	20 Mar 2001
		LV 12630 B	20 Aug 2001
		WO 9504713 A1	16 Feb 1995
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WO 2009125923 A	15 Oct 2009	NONE	
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