

**PATENT COOPERATION TREATY**  
**PCT**

**INTERNATIONAL SEARCH REPORT**  
(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>PAT91583W90</b>	<b>FOR FURTHER ACTION</b>	see Form PCT/ISA/220 as well as, where applicable, item 5 below
International application No. <b>PCT/CA2018/050806</b>	International filing date ( <i>day/month/year</i> ) 29 June 2018 (29-06-2018)	(Earliest)Priority date ( <i>day/month/year</i> ) 29 June 2017 (29-06-2017)
Applicant ECOSYNTHETIX INC.		

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 3 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:

- (a)  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. 1

- 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/CA2018/050806**

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC: <b>C09J 201/00</b> (2006.01), <b>B27N 1/02</b> (2006.01), <b>B27N 3/02</b> (2006.01), <b>C09J 103/02</b> (2006.01), <b>C09J 11/06</b> (2006.01), <b>C09J 189/00</b> (2006.01)  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) C09J (2006.01), B27N (2006.01)  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used) Canadian Patent Database, Questel Orbit, Scopus		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2016/101063 A1 (SALEHPOUR et al.) 30 June 2016 (30-06-2016) *paragraphs [008], [0020], claims*	1-15
A	WO 2003/035740 A1 (CAPPS) 1 May 2003 (01-05-2003) *paragraph [0014], claims*	1-15
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* "A" "E" "L" "O" "P"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance earlier application or patent but published on or after the international filing date 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) document referring to an oral disclosure, use, exhibition or other means 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 02 August 2018 (02-08-2018)		Date of mailing of the international search report 10 September 2018 (10-09-2018)
Name and mailing address of the ISA/CA Canadian Intellectual Property Office Place du Portage I, C114 - 1st Floor, Box PCT 50 Victoria Street Gatineau, Quebec K1A 0C9 Facsimile No.: 819-953-2476		Authorized officer  Orysia Zaporozan (819) 639-9424

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

International application No.  
**PCT/CA2018/050806**

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
WO2016101063A1	30 June 2016 (30-06-2016)	WO2016101063A1 BR112017013548A2 CA2970909A1 CL2017001568A1 CN107206619A EP3237163A1 US2017298227A1 US2017342302A1	30 June 2016 (30-06-2016) 06 March 2018 (06-03-2018) 30 June 2016 (30-06-2016) 16 March 2018 (16-03-2018) 26 September 2017 (26-09-2017) 01 November 2017 (01-11-2017) 19 October 2017 (19-10-2017) 30 November 2017 (30-11-2017)
WO2003035740A1	01 May 2003 (01-05-2003)	WO2003035740A1 US2003134945A1 US6822042B2 US2003114585A1 US6846849B2	01 May 2003 (01-05-2003) 17 July 2003 (17-07-2003) 23 November 2004 (23-11-2004) 19 June 2003 (19-06-2003) 25 January 2005 (25-01-2005)