

PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PCT00838		FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2019/055989	International filing date (<i>day/month/year</i>) 13 July 2019	(Earliest) Priority Date (<i>day/month/year</i>) 13 July 2018	
Applicant UPL LTD			
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 9 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/IB2019/055989

A. CLASSIFICATION OF SUBJECT MATTER

A01N 43/54 (2006.01) A01N 43/88 (2006.01) A01N 43/40 (2006.01) A01N 37/50 (2006.01) A01N 25/12 (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)

Databases: Espacenet, Google Scholar/Patents/Search, PATENW, CAplus, Registry, CABA, CN/JP/KR FULL.

IPC/CPC symbols: A01N (A01N43/54, A01N43/88, A01N43/40, A01N25/12, A01N37/50, A01N23/0000)

Keywords: boscalid, strobilurin, eutectic, azoxystrobin, fluoxastrobin, picoxystrobin, trifloxystrobin, fungicide, agrochemical, melting point, differential scanning calorimetry.

Applicant/Inventor: UPL LTD, Sujata Dhondiram DESAI, Paresch Vithaldas TALATI, Jaidev Rajnikant SHROFF and Vikram Rajnikant SHROFF.

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
"D" document cited by the applicant in the international application	"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
"E" earlier application or patent but published on or after the international filing date	"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
"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)	"&" document member of the same patent family
"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	

Date of the actual completion of the international search 23 September 2019	Date of mailing of the international search report 23 September 2019
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaustalia.gov.au	Authorised officer Stefanie-Ann Zavras, PhD AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service) Telephone No. +61262832069

INTERNATIONAL SEARCH REPORT		International application No.
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		PCT/IB2019/055989
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 107771815 A (NANJING HUAZHOU PHARMACEUTICAL) 09 March 2018, Viewed in English as a machine translation obtained from Espacenet on 11 September 2019. All references to this citation herein refer to its English translation Abstract, claims, examples, pages 3 and 6	1-16 & 22-29
X	US 2018/0014541 A1 (ARYSTA LIFESCIENCE CORPORATION) 18 January 2018 Abstract, Example 2, paragraphs [0014]-[0018], [0192]-[0197], [0207], [0209]-[0210], [0215]-[0217], [0225], [0228], [0229]	1-11 & 17-29
X	CN 103858881 A (YU HAIJUN) 18 June 2014, Viewed in English as a machine translation obtained from Espacenet on 16 September 2019. All references to this citation herein refer to its English translation Abstract, claims, examples, pages 1 and 7	1-11 & 22-29
X	CN 103250702 B (JIANGSU FENGDENG PESTICIDE CO LTD) 24 June 2015, Viewed in English as a machine translation obtained from Espacenet on 16 September 2019. All references to this citation herein refer to its English translation Abstract, claims, pages 3 and 5, Examples 1 and 8	1-11 & 22-29
X	CN 102150659 B (BEIJING NUTRICHEM INTERNAT CO LTD) 12 December 2012, Viewed in English as a machine translation obtained from Espacenet on 11 September 2019. All references to this citation herein refer to its English translation Abstract, Examples 4 and 5, pages 3, 4, 5, 7 and 8	1-11 & 22-29
A	US 6338742 B1 (GEORGE et al.) 15 January 2002 Whole document	
A	CN 102595879 A (SAXELL et al.) 18 July 2012, Viewed in English as a machine translation obtained from Espacenet on 12 September 2019. All references to this citation herein refer to its English translation Whole document	
A	US 2008/0242548 A1 (ASRAR et al.) 02 October 2008 Whole document	
A	SU 1685351 A1 (INST NEORGANICHESKOI FIZ) 23 October 1991, Viewed in English as a machine translation obtained from Google Patents on 12 September 2019. All references to this citation herein refer to its English translation Whole document	
A	US 3197362 A (PINAMONTI et al.) 27 July 1965 Whole document	
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A	US 2007/0292465 A1 (PARKIN et al.) 20 December 2007 Whole document	
A	Stoler, E. et al., 'Non-covalent derivatives: cocrystals and eutectics', <i>Molecules</i> . 2015, vol. 20, pages 14833-14848 Whole document	
Form PCT/ISA/210 (fifth sheet) (July 2019)		

INTERNATIONAL SEARCH REPORT		International application No.
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		PCT/IB2019/055989
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Form PCT/ISA/210 (fifth sheet) (July 2019)		

INTERNATIONAL SEARCH REPORT		International application No.	
Information on patent family members		PCT/IB2019/055989	
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
CN 107771815 A	09 March 2018	CN 107771815 A	09 Mar 2018
US 2018/0014541 A1	18 January 2018	US 2018014541 A1	18 Jan 2018
		AR 053414 A1	09 May 2007
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Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.			

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INTERNATIONAL SEARCH REPORT Information on patent family members		International application No. PCT/IB2019/055989	
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
		ZA 200702960 B	27 Aug 2008
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Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.			

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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 2019)			