

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PCT00799		FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2018/060686	International filing date (<i>day/month/year</i>) 28 December 2018	(Earliest) Priority Date (<i>day/month/year</i>) 17 January 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 13 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/IB2018/060686

A. CLASSIFICATION OF SUBJECT MATTER

A01N 51/00 (2006.01) **A01N 47/34 (2006.01)** **A01N 43/54 (2006.01)** **A01N 47/02 (2006.01)** **A01N 47/18 (2006.01)**
A01N 47/14 (2006.01) **A01P 3/00 (2006.01)** **A01P 7/04 (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)

EPOQUE 5.2 (PATENW): Applicant/Inventor names (UPL Ltd, S Wagner, G A H Oliveira, S P Vaidyalingam, M D Borane, A F Queiroz, N Gonçalves, S M Bharambe, P D Wagh, J R Shroff, V R Shroff and abbreviations thereof), CPC/IPC symbols (A01N --, 47/02, 43/54, 51/00, 47/18, 47/34, 47/14), Keywords (fipronil, azoxystrobin, carbendazim, thiophanate-methyl, mancozeb, imidacloprid, and like terms and alternatives). **NEW STN (CAPlus, DWPI, BIOSIS, CABA, Registry, CN/DE/FR/IN/JP/KRFULL):** Applicant/Inventor names (*as above*), CAS Numbers (120068-37-3, 131860-33-8, 138261-41-3, 105827-78-9, 10605-21-7, 37953-07-4, 23564-05-8, 8018-01-7), Keywords (*as above*). **ONLINE DATABASES (Espacenet, Google Scholar/Patents/Search):** Applicant/Inventor names (*as above*), Keywords (*as above*). **INTERNAL DATABASES:** Applicant/Inventor names (*as above*).

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

* "A"	Special categories of cited documents: 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 28 February 2019	Date of mailing of the international search report 28 February 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 Austin Smith AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service) Telephone No. +61262832381

INTERNATIONAL SEARCH REPORT		International application No.
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		PCT/IB2018/060686
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2008/095913 A2 (BASF SE) 14 August 2008 p15 ln 21-25, pp 75-81, p82 ln 22-30, Table 2 (Table Q: M-664, M-670, M-864, M-895)	1-4 & 6-12
X	WO 2009/098225 A2 (BASF SE) 13 August 2009 Abstract, p5 ln 21-23, pp 11-12 & 25-32, p35 ln 31 to p36 ln 18, Table 1 (R-21, R-49, R-77, R-105, R-133, R-161, R-189, R-217 & R-245)	1-2 & 5-12
A	WO 2010/043553 A1 (BASF SE) 22 April 2010 Table 1 (R-25, R-54, R-83 & R-112)	
A	WO 2016/197457 A1 (ROTAM AGROCHEM INTERNATIONAL COMPANY LIMITED) 15 December 2016 Abstract	
A	WO 2010/092032 A1 (BASF SE) 19 August 2010 Table 1 (S-56 to S-59)	
A	WO 2011/154494 A2 (SYNGENTA PARTICIPATIONS AG) 15 December 2011 pp 1-2 & 13-30)	
A	WO 2011/151261 A2 (BASF SE) 08 December 2011 Abstract, Table 1	
A	WO 2011/110583 A2 (BASF SE) 15 September 2011 Table QII (1-19 to 1-21, 1-46 to 1-48, 1-73 to 1-75, 1-100 to 1-102)	
P,X	WO 2018/112563 A1 (HELM DO BRASIL MERCANTIL LTDA) 28 June 2018 Abstract, Examples, Claims (based on English machine translation, Espacenet, 18 FEB 2019)	1-2 & 5-12

INTERNATIONAL SEARCH REPORT		International application No.	
Information on patent family members		PCT/IB2018/060686	
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	
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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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		EP 2242370 A2	27 Oct 2010
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		EP 2242372 A2	27 Oct 2010
		EP 2679094 A1	01 Jan 2014
		EP 2679095 A1	01 Jan 2014
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Form PCT/ISA/210 (Family Annex)(revised January 2019)			

INTERNATIONAL SEARCH REPORT		International application No.	
Information on patent family members		PCT/IB2018/060686	
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Patent Document/s Cited in Search Report		Patent Family Member/s	
Publication Number	Publication Date	Publication Number	Publication Date
		EP 2679096 A1	01 Jan 2014
		JP 2010539129 A	16 Dec 2010
		JP 5260657 B2	14 Aug 2013
		JP 2010517977 A	27 May 2010
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