

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 80465-WO-REG	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2015/065827	International filing date (<i>day/month/year</i>) 10 July 2015 (10-07-2015)	(Earliest) Priority Date (<i>day/month/year</i>) 17 July 2014 (17-07-2014)
Applicant SYNGENTA PARTICIPATIONS AG		

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:

- ☒ 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 43.6**bis**(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:

HERBICIDAL PYRIDAZINONE DERIVATIVES

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/EP2015/065827

A. CLASSIFICATION OF SUBJECT MATTER

INV. C07D237/16 A01N43/58
ADD.

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)

C07D A01N

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)

EPO-Internal, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2009/035150 A2 (SUMITOMO CHEMICAL CO [JP]; FUSAKA TAKAFUMI [JP]) 19 March 2009 (2009-03-19) claims 1-15 -----	1-18
A	WO 2010/104217 A1 (SUMITOMO CHEMICAL CO [JP]; FUSAKA TAKAFUMI [JP]) 16 September 2010 (2010-09-16) claims 1-18 -----	1-18
A,P	WO 2014/119770 A1 (SUMITOMO CHEMICAL CO [JP]) 7 August 2014 (2014-08-07) abstract; paragraphs [0203], [0205], [0210] -----	1-18



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

"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

2 September 2015

Date of mailing of the international search report

09/09/2015

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Rufet, Jacques

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2015/065827

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2009035150 A2	19-03-2009	AR 068422 A1 AT 502926 T AU 2008297805 A1 BR PI0817103 A2 CA 2699442 A1 CN 101861306 A DK 2188264 T3 EP 2188264 A2 ES 2360169 T3 JP 5266994 B2 JP 2009084276 A KR 20100055471 A RU 2010114736 A US 2010216642 A1 WO 2009035150 A2	18-11-2009 15-04-2011 19-03-2009 24-03-2015 19-03-2009 13-10-2010 26-04-2011 26-05-2010 01-06-2011 21-08-2013 23-04-2009 26-05-2010 20-10-2011 26-08-2010 19-03-2009
WO 2010104217 A1	16-09-2010	AR 075829 A1 AU 2010222002 A1 CA 2755131 A1 CN 102421759 A CO 6450666 A2 EP 2406232 A1 JP 2010235603 A KR 20110130419 A RU 2011141498 A UA 104017 C2 US 2012028803 A1 WO 2010104217 A1	27-04-2011 15-09-2011 16-09-2010 18-04-2012 31-05-2012 18-01-2012 21-10-2010 05-12-2011 20-04-2013 25-12-2013 02-02-2012 16-09-2010
WO 2014119770 A1	07-08-2014	TW 201443026 A WO 2014119770 A1	16-11-2014 07-08-2014