

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 81480-WO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2019/050140	International filing date (<i>day/month/year</i>) 4 January 2019 (04-01-2019)	(Earliest) Priority Date (<i>day/month/year</i>) 9 January 2018 (09-01-2018)
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:

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/EP2019/050140

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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2016/008816 A1 (SYNGENTA PARTICIPATIONS AG [CH]) 21 January 2016 (2016-01-21) see structure of the pyridazinone derivatives according to claim 1 as herbicides -----	1-18
A	WO 2012/091156 A1 (SUMITOMO CHEMICAL CO [JP]; KURAGANO TAKASHI [JP]; SOUMA SHIN-ICHIRO [J]) 5 July 2012 (2012-07-05) see structure of the pyridazinone derivatives according to claim 1 as herbicides -----	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

1 February 2019

Date of mailing of the international search report

14/02/2019

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2019/050140

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2016008816	A1	21-01-2016	AR 101201 A1 30-11-2016
			BR 112017000541 A2 26-06-2018
			CN 106536486 A 22-03-2017
			EP 3169668 A1 24-05-2017
			JP 2017522318 A 10-08-2017
			KR 20170029528 A 15-03-2017
			US 2017166535 A1 15-06-2017
			WO 2016008816 A1 21-01-2016

WO 2012091156	A1	05-07-2012	AR 084609 A1 29-05-2013
			BR 112013016380 A2 19-06-2018
			CA 2824624 A1 05-07-2012
			DK 2658845 T3 09-03-2015
			EP 2658845 A1 06-11-2013
			ES 2532543 T3 27-03-2015
			JP 5842594 B2 13-01-2016
			JP 2012149044 A 09-08-2012
			PT 2658845 E 13-04-2015
			TW 201238488 A 01-10-2012
			US 2013281299 A1 24-10-2013
			WO 2012091156 A1 05-07-2012
