

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 24535 WO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2018/080226	International filing date (<i>day/month/year</i>) 6 November 2018 (06-11-2018)	(Earliest) Priority Date (<i>day/month/year</i>) 7 November 2017 (07-11-2017)
Applicant INTERVET INTERNATIONAL B.V.		

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 6 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:

INJECTABLE ISOXAZOLINE PHARMACEUTICAL COMPOSITIONS AND THEIR USE AGAINST PARASITE INFESTATION

5. With regard to the **abstract**,

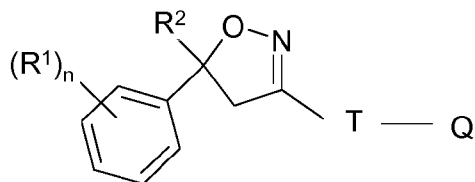
- ☐ the text is approved as submitted by the applicant
☒ the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

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

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

An injectable pharmaceutical composition comprising an isoxazoline compound of Formula (I)



Formula (I)

or a salt or N-oxide thereof wherein the isoxazoline compound has a particle size of from 25 microns to 250 microns and a method of preventing or treating a parasite infestation using the same.

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International application No
PCT/EP2018/080226

A. CLASSIFICATION OF SUBJECT MATTER INV. C07D261/04 A61K9/00 A61K9/14 A61P33/14 A61K31/42 A01N43/80 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) A61K C07D A61P 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, WPI Data, CHEM ABS Data											
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>US 2016/256442 A1 (CADY SUSAN MANCINI [US] ET AL) 8 September 2016 (2016-09-08) cited in the application abstract; claims page 2, paragraphs [0016],[0019]-[0022] pages 28-29; examples 22, 23 -----</td> <td>1-24</td> </tr> <tr> <td>Y</td> <td>WO 2011/149749 A1 (DU PONT) 1 December 2011 (2011-12-01) abstract page 4; claims; compound 1 Preparation Example 3; page 12 pages 48-49 ----- -/-</td> <td>1-24</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	US 2016/256442 A1 (CADY SUSAN MANCINI [US] ET AL) 8 September 2016 (2016-09-08) cited in the application abstract; claims page 2, paragraphs [0016],[0019]-[0022] pages 28-29; examples 22, 23 -----	1-24	Y	WO 2011/149749 A1 (DU PONT) 1 December 2011 (2011-12-01) abstract page 4; claims; compound 1 Preparation Example 3; page 12 pages 48-49 ----- -/-	1-24
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Y	US 2016/256442 A1 (CADY SUSAN MANCINI [US] ET AL) 8 September 2016 (2016-09-08) cited in the application abstract; claims page 2, paragraphs [0016],[0019]-[0022] pages 28-29; examples 22, 23 -----	1-24									
Y	WO 2011/149749 A1 (DU PONT) 1 December 2011 (2011-12-01) abstract page 4; claims; compound 1 Preparation Example 3; page 12 pages 48-49 ----- -/-	1-24									
☒ 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 11/02/2019									
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 Kiernan, Andrea									

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2010/149727 A2 (N.V. ORGANON) 29 December 2010 (2010-12-29) abstract page 3, paragraph [0008] pages 25-26, paragraph [00080] -----	1-24
Y	WO 2017/108954 A1 (INTERVET INTERNATIONAL B.V.; INTERVET INC.) 29 June 2017 (2017-06-29) abstract; claims claims 1, 8, 11, 12 page 13, lines 13-17 page 16, lines 9-11 -----	1-24
A	KILP, S. ET AL.: "Pharmacokinetics of fluralaner in dogs following a single oral or intravenous administration", PARASITES & VECTORS, vol. 7, no. 1, 2014, pages 85-89, XP021179157, ISSN: 1756-3305, DOI: 10.1186/1756-3305-7-85 the whole document -----	1-24

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International application No

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