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10 July 2008

(54) Title: FOAMABLE ARTHROPOCIDAL COMPOSITION FOR TROPICAL APPLICATION

(57) Abstract: The present invention provides a safe and effective insecticide composition suitable for treating a subject infested with a parasitic arthropod or to prevent infestation by an arthropod. The insecticide composition is a foamable composition, including a first insecticide; at least one organic carrier selected from a hydrophobic organic carrier, a polar solvent, an emollient and mixtures thereof, at a concentration of about 2% to about 5%, or about 5% to about 10%; or about 10% to about 20%; or about 20% to about 50% by weight; about 0.1 % to about 5% by weight of a surface-active agent; about 0.01 % to about 5% by weight of at least one polymeric agent selected from a bioadhesive agent, a gelling agent, a film forming agent and a phase change agent; and (5) a liquefied or compressed gas propellant at a concentration of about 3% to about 25% by weight of the total composition.



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## INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2006/004026

## A. CLASSIFICATION OF SUBJECT MATTER

INV. A01N25/16 A01N65/00 A01N57/12 A01N53/08 A01N43/30  
A01P7/00

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)

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 practical, search terms used)

EPO-Internal, 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	US 5 783 202 A (TOMLINSON RODERICK P [AU] ET AL) 21 July 1998 (1998-07-21) cited in the application abstract column 5; table 1	1-26,29
X	WO 2004/037225 A (FOAMIX LTD [IL]; TAMARKIN DOV [IL]; FRIEDMAN DORON [IL]; EINI MEIR [IL]) 6 May 2004 (2004-05-06) abstract page 7, line 5 - line 8 page 7 - page 8 page 22, line 20 - line 21 page 24, line 17 - line 19 page 25, line 16 - line 19 page 36, line 6 - page 37, line 25 claims 40,41 example 12	1-26,29

☒ 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 document 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.

\*G\* document member of the same patent family

Date of the actual completion of the international search

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## INTERNATIONAL SEARCH REPORT

International application No

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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.
X	WO 02/43490 A (AVON PROD INC [US]; HUBBARD BARBARA J [US]; PECHKO ANDREW H [US]; KALA) 6 June 2002 (2002-06-06) abstract examples 1-8 -----	1-7, 10-20,26
X	WO 98/21955 A (COLGATE PALMOLIVE CO [US]) 28 May 1998 (1998-05-28)  page 1, line 2 - line 16 example 1 -----	1-6, 8-14, 16-21,26

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

Continuation of Box II.1

Claims Nos.: 30-37

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2006/004026

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 30-37  
because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-26 and 29

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-26 and 29

Foamable insecticide compositions comprising the components i to vi as in Claim 1  
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2. claims: 27,28

Insecticidal compositions comprising the components i to iii as defined in Claim 27  
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2006/004026

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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