Title: SYNERGISTIC ANTIPARASITIC COMPOSITIONS AND SCREENING METHODS

Abstract: Compositions for treating parasitic infections and methods of using the compositions to treat subjects with parasitic infections are provided. Methods of selecting compositions for use in treating parasitic infections are further provided.
Published:

— with international search report (Art. 21(3))
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report: 11 September 2009
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61K36/00 A61K36/53 A61K36/63 A61P33/00

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)
A61K A61P

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, PAJ, BIOSIS, EMBASE, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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Date of the actual completion of the international search
6 April 2009

Date of mailing of the international search report
20/07/2009

Name and mailing address of the ISA/
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Authorized officer
Thalmair-De Meyere

Form PCT/ISA/210 (second sheet) (April 2005)
INTERNATIONAL SEARCH REPORT

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.: because they relate to subject matter not required to be searched by this Authority, namely:

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 all searchable 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.:

see annex

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

1. claims: 1-20 (part)

   An antiparasitic composition, comprising a synergistic combination of two or more compounds from Blend 1 in Table E.

2. claims: 1-20 (part)

   Invention 2 comprises all the further possibilities of antiparasitic compositions covered by the claims, which are each considered as being further separate subinventions, namely
   a synergistic combination of two or more compounds from Blend 2, from Blend 3, from Blend 4, from Blend 5, ..., from Blend 185 listed in Table E.
   Apart from these 185 separate inventions, further inventions arise from the possibilities mentioned in claims 2-4, namely
   a synergistic combination of three or more compounds from Blend 1 listed in Table E, from Blend 2, from Blend 3, from Blend 4 to Blend 185;
   further a synergistic antiparasitic combination of four or more compounds from Blend 1, from Blend 2, from Blend 3, from Blend 4, ... to Blend 185 from Table E;
   further a synergistic combination of all compounds from Blend 1, from Blend 2, from Blend 3 etc. ... to Blend 185 from Table E.
   For procedural reasons, not all of these inventions can be listed separately, because they amount to at least 740 single separate inventions (185x4).
   Apart from Table E, even more inventions arise from the additional possibilities mentioned in claim 13, i.e. two or more compounds listed in any of Tables B, B 1, C, D.
   Hence, to sum up, more than thousand of separate inventions are covered by the present claims.
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