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ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK,
LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW,
MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL,
PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY,
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(54) **Title:** ANTI-PARASITIC METHODS AND COMPOSITIONS UTILIZING DIINDOLYLMETHANE-RELATED INDOLES

(57) **Abstract:** The present invention includes methods and compositions for the treatment and prevention of protozoal parasitic infections utilizing Diindolylmethane-related indoles. Additive and synergistic interaction of Diindolylmethane-related indoles with other known anti-parasitic and pro-apoptotic agents is believed to permit more effective therapy and prevention of protozoal parasitic infections. The methods and compositions described provide new treatment of protozoal parasitic diseases of mammals and birds including malaria, leishmaniasis, trypanosomiasis, trichomoniasis, neosporosis and coccidiosis.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/22649

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **A61K 31/40(2006.0 1),31/405(2006.01)**

 USPC: 514/414,415
 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)
 U.S. : 514/414,415

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)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2006/01 00264 A1 (BJELDANES et al.) 11 MAY 2006 (11.05.2006), The abstract, and the claims	1-64
Y	WO 2006/053 160 A2 (HENSEL) 18 MAY 2006 (18.05.2006), the abstract, pages 2-3, 22, 25 and 41-45.	1-64

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents		"T"	
"A"	document defining the general state of the art which is not considered to be of particular relevance	"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
"E"	earlier application or patent published on or after the international filing date	"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
"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)	"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
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search 11 August 2008 (11.08.2008)	Date of mailing of the international search report 22 SEP 2008
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INTERNATIONAL SEARCH REPORT

International application No.
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Continuation of B. FIELDS SEARCHED Item 3:
CAS ONLINE, MEDLINE, BIOSIS, EMBASE, search terms: 3,3-diindolymethane, cabinol, parsitic, prtozoan, immunomodulator, mararia