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(71) Applicant *(for all designated States except US)*: **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **WILHELM, Ronald** [DE/DE]; Platanenweg 11, 65719 Hofheim (DE). **LANGEWALD, Jürgen** [DE/DE]; Beethovenstrasse 5, 68165 Mannheim (DE). **ANSPAUGH, Douglas, D.** [US/US]; 4007 Winccott Drive, Apex, North Carolina 27502 (US).

(74) Agent: **ISENBRUCK, Günter**; Isenbruck Bösl Hörschler Wichmann HuhnPatentanwälte, Theodor-heuss-anlage 12, 68165 Mannheim (DE).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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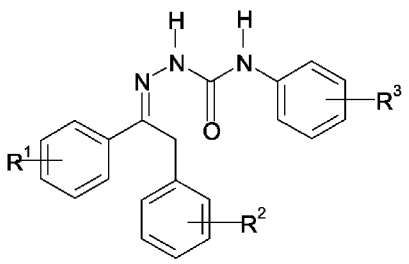
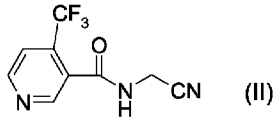
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PESTICIDAL MIXTURES COMPRISING A PHENYLSEMICARBAZONE



(I)



(II)

(57) Abstract: Pesticidal mixtures comprising, as active components, A) a phenylsemicarbazone compound of the formula (I), where R^1 and R^2 are, independently of one another, hydrogen, cyano, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkyl or C_1-C_4-haloalkoxy and R^3 is C_1-C_4- alkoxy, C_1-C_4-haloalkyl or C_1-C_4-haloalkoxy, or an agriculturally acceptable salt thereof, and B) a compound of the formula (II), or an agriculturally acceptable salt thereof.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. A01N47/34 A01N43/40 A01P7/00 A01P5/00

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, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	JP 2006 131515 A (NIHON NOHYAKU CO LTD) 25 May 2006 (2006-05-25) page 6, line 4	1-5,7-16
P,X	-& DATABASE WPI Week 200638 July 2006 (2006-07), Derwent Publications Ltd., London, GB; AN 2006-367758 XP002447127 & JP 2006 131515 A (NIPPON NOYAKU CO LTD) 25 May 2006 (2006-05-25) abstract	1-5,7-16

A	WO 00/54591 A (AMERICAN CYANAMID CO [US]) 21 September 2000 (2000-09-21) page 1 - page 4, line 23 page 7, line 28 - page 10, line 17 page 12, line 16 - page 14, line 13; examples	1-16

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[X] Further documents are listed in the continuation of Box C.

[X] 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)

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"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

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"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	Date of mailing of the international search report
20 August 2007	29/08/2007

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Muellners, Wilhelm

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.
P,A	WO 2006/042099 A (WYETH CORP [US]; SABNIS SHOBHAN SHASHI [US]; ZUPAN JACOB A [US]; ALBRI) 20 April 2006 (2006-04-20) page 2, line 21 - page 3, line 26 page 4, line 25 - page 5, line 9; examples	1-16
P,A	WO 2006/045522 A (BASF AG [DE]; VOESTE DIRK [DE]; COTTER HENRY VAN TUYL [US]; ZAMBON SER) 4 May 2006 (2006-05-04) page 1 - page 3, line 16 page 6, line 7 - line 30 page 8, last paragraph - page 9, line 27	1-16
A	WO 02/37964 A (SYNGENTA PARTICIPATIONS AG [CH]; ANGST MAX [CH]; RINDLISBACHER ALFRED) 16 May 2002 (2002-05-16) page 1 - page 5 page 7, paragraph 2 - page 8, paragraph 2 page 11, paragraph 4 - page 12, paragraph 1	1-16

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2006/065135

Box 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. [X] Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 14 and 16 are directed to a method of treatment of the animal body, the search has been carried out and based on the alleged effects of the composition.

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 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:

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 fee, this Authority did not invite payment of any additional fee.

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.:

Remark on Protest

[ ] The additional search fees were accompanied by the applicant's protest.

[ ] No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/EP2006/065135

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2006131515 A	25-05-2006	NONE	
WO 0054591 A	21-09-2000	AT 312511 T	15-12-2005
		AU 765767 B2	25-09-2003
		AU 3617500 A	04-10-2000
		BR 0008930 A	18-12-2001
		CA 2367984 A1	21-09-2000
		CN 1351469 A	29-05-2002
		CZ 20013298 A3	14-08-2002
		DE 60024826 T2	14-06-2006
		DK 1198170 T3	13-03-2006
		EP 1198170 A2	24-04-2002
		ES 2250117 T3	16-04-2006
		HU 0200278 A2	29-07-2002
		JP 2003517455 T	27-05-2003
		MX PA01009191 A	03-06-2004
		NZ 514000 A	29-04-2003
		PL 351551 A1	05-05-2003
		SK 12612001 A3	10-09-2002
		TW 256289 B	11-06-2006
WO 2006042099 A	20-04-2006	AR 051322 A1	03-01-2007
		AU 2005294257 A1	20-04-2006
		CA 2580577 A1	20-04-2006
		EP 1799037 A1	27-06-2007
WO 2006045522 A	04-05-2006	AU 2005298940 A1	04-05-2006
		CA 2582412 A1	04-05-2006
		EP 1804581 A1	11-07-2007
WO 0237964 A	16-05-2002	AU 1404502 A	21-05-2002