

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/053402 A3

(51) International Patent Classification⁷: **A01N 37/52**

(21) International Application Number:
PCT/EP2004/013685

(22) International Filing Date: 2 December 2004 (02.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/526,609 4 December 2003 (04.12.2003) US

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(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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

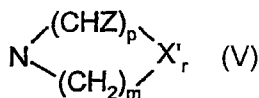
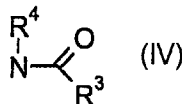
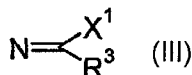
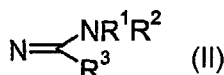
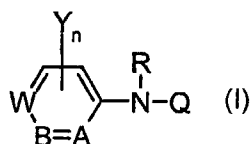
Published:

— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
4 August 2005

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: THE USE OF N-ARYLHYDRAZINE DERIVATIVES FOR COMBATING PESTS IN AND ON ANIMALS



(57) Abstract: Use of compounds of formula (I) wherein Q is (II), (III), or (IV); X¹ is chlorine, bromine, or fluorine; R¹, R² are each independently H, alkyl, alkenyl, alkynyl, or cycloalkyl, alkylamino, dialkylamino, alkylcarbonylamino, alkylsulfonyl, or alkylsulfanyl, wherein the carbon atoms in these groups may be substituted, or R¹ and R² may be taken together to form a ring represented by the structure (V); p, m are 1, 2 or 3; X' is oxygen, sulfur, amino, alkylamino, phenylamino, or methylene; Z is alkyl or phenyl; R³ is H, alkyl, alkenyl, alkynyl, cycloalkyl, wherein the carbon atoms in these groups may be substituted; R, R⁴ are H or alkyl, alkoxycarbonyl, alkylaminocarbonyl, or dialkylaminocarbonyl, wherein the carbon atoms in these groups may be substituted; A is C-R⁵ or N; B is C-R⁶ or N; W is C-R⁷ or N; with the proviso that one of A, B and W is other than N; R⁵, R⁶, R⁷ are H, halogen, nitro, cyano, amino, mercapto, hydroxy, alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkylsulfonyl, or alkylsulfanyl, wherein the carbon atoms in these groups may be substituted, a 5- to 6-membered aromatic ringsystem which may contain 1 to 4 heteroatoms selected

from oxygen, sulfur and nitrogen and which may be substituted; Y is hydrogen, halogen, cyano, nitro, amino, hydroxy, mercapto, alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkylsulfonyl, or alkylsulfanyl, wherein the carbon atoms in these groups may be substituted; n is 0, 1, or 2; for combating parasites in and on animals.

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