

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 December 2006 (21.12.2006)

PCT

(10) International Publication Number
WO 2006/134466 A1

(51) International Patent Classification:

A01N 43/56 (2006.01) C07D 401/12 (2006.01)
C07D 401/04 (2006.01) C07D 403/12 (2006.01)
C07D 413/04 (2006.01)

European Patent Department, Ramsgate Road, Sandwich,
Kent CT13 9NJ (GB). **WALSHE, Nigel, Derek, Arthur**
[IE/IE]; Pfizer Research and Development, European
Patent Department, Ramsgate Road, Sandwich, Kent
CT13 9NJ (GB).

(21) International Application Number:

PCT/IB2006/001579

(74) Agents: **DROUIN, Stéphane** et al.; Pfizer Research and
Development, Ramsgate Road, Sandwich, Kent CT13 9NJ
(GB).

(22) International Filing Date: 6 June 2006 (06.06.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/153,103 15 June 2005 (15.06.2005) US

(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, KM, KN, KP, KR, KZ, 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, RU, SC, SD, SE, SG,
SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): **PFIZER
LIMITED** [GB/GB]; Ramsgate Road, Sandwich, Kent
CT13 9NJ (GB).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **BILLEN, Denis**
[BE/GB]; Pfizer Research and Development, European
Patent Department, Ramsgate Road, Sandwich, Kent
CT13 9NJ (GB). **CHUBB, Nathan, Antony, Logan**
[GB/GB]; Pfizer Research and Development, European
Patent Department, Ramsgate Road, Sandwich, Kent
CT13 9NJ (GB). **GETHIN, David, Morris** [GB/GB];
Pfizer Research and Development, European Patent De-
partment, Ramsgate Road, Sandwich, Kent CT13 9NJ
(GB). **HALL, Kim, Thomas** [GB/GB]; Pfizer Research
and Development, European Patent Department, Ramsgate
Road, Sandwich, Kent CT13 9NJ (GB). **ROBERTS, Lee,
Richard** [GB/GB]; Pfizer Research and Development,

(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, LV, 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

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: SUBSTITUTED ARYLPYRAZOLES AS PARASITICIDAL AGENTS

(57) Abstract: This invention relates to a combination product comprising a range of 1-aryl-4-cyclopropylpyrazoles in which there is at least one fluorine attached to the cyclopropyl ring, and one or more further therapeutic agents, particularly anti-parasitic agents.

WO 2006/134466 A1