



(51) International Patent Classification:

A01N 25/02 (2006.01) *A01P 5/00* (2006.01)
A01N 43/90 (2006.01) *A01P 7/00* (2006.01)

(21) International Application Number:

PCT/EP2013/056879

(22) International Filing Date:

2 April 2013 (02.04.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/620,041 4 April 2012 (04.04.2012) US

(71) Applicant: **SYNGENTA PARTICIPATIONS AG**
[CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).

(72) Inventors: **POPP, Christian**; Syngenta Crop Protection
Münchwilen AG, Schaffhauserstrasse, CH-4332 Stein
(CH). **WYSS, Peter**; Syngenta Crop Protection AG,
Schwarzwaldallee 215, CH-4058 Basel (CH).

(74) Agent: **ARUNASALAM, V-Cumaran**; Wro-1004-6-22,
Schwarzwaldallee 215, CH-4058 Basel (CH).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,

DO, DZ, EC, EE, EG, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU,
RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a
patent (Rule 4.17(ii))
- of inventorship (Rule 4.17(iv))

Published:

- with international search report (Art. 21(3))

(54) Title: PESTICIDAL COMPOSITION

(57) Abstract: Non-aqueous pesticidal macrolide compositions are provided which comprise (A) a major amount of at least one non-aqueous solvent selected from a glycol ether and a lactimide; (B) a minor amount of a mixture of (i) at least one pesticide selected from abamectin and emamectin benzoate, and (ii) optionally, at least one surfactant. In one embodiment, the at least one pesticide selected from abamectin and emamectin benzoate is present in the composition in an amount of at least 7% by weight. In another embodiment, the compositions of the invention are chemically stable. The compositions of the invention can be used directly as a concentrate for treating or reducing tree pest infestations by trunk injection or with dilution in water for control of pests in crops of useful plants.

