(A1)

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

G00002

(43) International Publication Date
13 June 2002 (13.06.2002)

PCT

(10) International Publication Number
WO 02/045507 A3

(51) International Patent Classification[7]: A01N 25/02, 25/30, 25/04

(21) International Application Number: PCT/EP01/14121

(22) International Filing Date: 3 December 2001 (03.12.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/251,189 4 December 2000 (04.12.2000) US

(71) Applicant *(for all designated States except US)*: **SYNGENTA PARTICIPATIONS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).

(71) Applicant *(for US only)*: **DOUGLASS, Andrew** [US/US]; Syngenta Crop Protection, Inc, 410 Swing Road, Greensboro, NC 27409 (US).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **FOWLER, Jeffrey, Bruce** [US/US]; Syngentga Crop Protection, Inc, 410 Swing Road, Greensboro, NC 27409 (US).

(74) Agent: **BASTIAN, Werner**; c/o Syngenta Participations AG, Intellectual Property, P.O. Box, CH-4002 Basel, Switzerland (CH).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, 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, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(88) Date of publication of the international search report:
12 December 2002

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.

WO 02/045507 A3

162162

(54) Title: MICROEMULSIFIABLE AGROCHEMICAL CONCENTRATE

(57) Abstract: Microemulsifiable hydrophobic agrochemical concentrates are provided which are a combination of (A) an alkyl alkanoate with (B) a poyhydric alcohol, a polyhydric alcohol condensate or a mixture thereof and (C) at least one surfactant; the novel compositions are storage stable, easy to apply, ecological and toxicologically favorable and, upon dilution with water, are useful as plant treatment compositions that have good biological efficacy in the target application.