# (19) World Intellectual Property Organization

International Bureau





#### (43) International Publication Date 24 July 2003 (24.07.2003)

### (10) International Publication Number WO 03/059060 A3

(51) International Patent Classification7: A01M 1/20

(21) International Application Number: PCT/US02/40908

(22) International Filing Date:

19 December 2002 (19.12.2002)

(25) Filing Language:

**English** 

(26) Publication Language:

English

(30) Priority Data:

60/343,408

21 December 2001 (21.12.2001) US

(71) Applicant (for all designated States except US): GLAS-FLO PRODUCTS, INC. [US/US]; Post Office Box 516, Lewisville, NC 27023 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PELOT, James, E. [US/US]; Post Office Box 516, Lewisville, NC 27023 (US). BAXTER, Stephen, Z. [US/US]; 111 Loray Farm Road, Dallas, NC 28034 (US).

(74) Agent: MASSEY, Carl, B., Jr.; Womble Carlyle Sandridge & Rice, PLLC, Post Office Box 7087, Atlanta, GA 30357 (US).

(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, SK, SL, TJ, TM, TN, 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, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, 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: 18 December 2003

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 03/059060 A3

(54) Title: METHOD FOR CONTROLLING PESTS USING GROUND GLASS

(57) Abstract: The present invention provides a method for controlling snails and slugs by applying a composition comprising finely ground glass particles. The glass particles can include a specially formulated glass.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/40908

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A01M 1/20						
US CL : 43/107						
According to International Patent Classification (IPC) or to both national classification and IPC						
	DS SEARCHED	1 1 10 1 1 1 1 1 1 1	7			
Minimum doo U.S.: 43	cumentation searched (classification system followed 3/107, 114, 124, 132.1	by classification symbols)				
Documentation	on searched other than minimum documentation to the	e extent that such documents are included	in the fields searched			
Electronic da	ta base consulted during the international search (nan	ne of data base and, where practicable, s	earch terms used)			
C. DOCU	UMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where ap		Relevant to claim No.			
X	US 256,561 A (FULLER) 18 April 1882 (18.04.188	32), columns 1-2, Figures 1-4.	1-4, 11			
Y	US 3,608,062 A (ALFES) 21 September 1971 (21.0	9.1971), column 4.	1-4			
Y	US 4,793,474 A (DRAKE) 27 December 1988 (27.	12.1988), column 2.	1-4			
x	US 5,303,502 A (METZNER et al.) 19 April 1994 (19.04.1994), columns 2-3.		1-4			
x	US 5,817,160 A (NAGPAL et al.) 06 Ocotber 1998 (06.10.1998), columns 9-14.		1-4, 11			
Y			16			
x	US 6,090,399 A (GHOSH et al.) 18 July 2000 (18.07.2000), columns 1-5.		1-4			
X	JP 6-284846 A (YAMAMOTO) 11 October 1994 (11.10.1994), Figure 1.		1-4, 11			
Y			16			
Further documents are listed in the continuation of Box C. See patent family annex.						
* Special categories of cited documents:  "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						
of particu	alar relevance  opplication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be considered.				
"L" document	t which may throw doubts on priority claim(s) or which is cited to	when the document is taken alone				
establish specified	the publication date of another citation or other special reason (as	"Y" document of particular relevance; the considered to involve an inventive ste combined with one or more other suc	p when the document is h documents, such combination			
"O" documen	t referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the	ne art			
"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed						
Date of the actual completion of the international search  12 June 2003 (12.06.2003)  Date of mailing of the international search report  03 SEP 2003						
Mail Stop PCT, Attn: ISA/US Commissioner for Patents  Peter Poon  Peter Poon						
P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230  Telephone No. (703) 308-2574						

Form PCT/ISA/210 (second sheet) (July 1998)

PCT/US	02/40908

## INTERNATIONAL SEARCH REPORT

tegory *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No. 1-4, 11 1-4 and 10-12
X	WO 83 04216 A (YAMAMOTO et al ) 08 December 1983 (08.12.1983), Figures 1-2.	
X	US 4,263,740 A (HEMESARTH et al.) 28 April 1981 (28.04.1981), columns 1-3.	
 Ү		16
	ı	
		the second second of the second se
	i .	.•
	·	