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| <b>(51) International Patent Classification <sup>6</sup>:</b><br><b>A01N 47/12, B27K 3/50 // (A01N 47/12, 25:04)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>A1</b> | <b>(11) International Publication Number:</b> <b>WO 96/10914</b><br><b>(43) International Publication Date:</b> 18 April 1996 (18.04.96)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>(21) International Application Number:</b> PCT/US95/12221<br><b>(22) International Filing Date:</b> 29 September 1995 (29.09.95)<br><b>(30) Priority Data:</b><br>08/320,186 ✓ 7 October 1994 (07.10.94) ✓ US<br><b>(71) Applicant:</b> TROY CORPORATION [US/US]; 72 Eagle Rock Avenue, East Hanover, NJ 07936-0366 (US).<br><b>(72) Inventors:</b> KUUSISTO, Eeva-Liisa; 19 Belmont Drive, Livingston, NJ 07039 (US). SAVAGE, Timothy; 459 West Shore Trail, Sparta, NJ 07871 (US). SCHAEUFELE, Peter; 33 Bear Mountain Road, Ringwood, NJ 07456 (US). MOERCK, Rudi; 184 Twelve Oaks Lane, Ponte Vedra Beach, FL 32082 (US).<br><b>(74) Agents:</b> JOHNSON, Lance, G. et al.; Banner & Allegretti, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001 (US). |           | <b>(81) Designated States:</b> AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, <u>SG</u> , SI, SK, TJ, TM, TT, UA, UG, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG).<br><br><b>Published</b><br><i>With international search report.<br/>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> |
| <b>(54) Title:</b> PENETRATING PROTECTANT<br><br><b>(57) Abstract</b><br><br>A penetrating concentrate containing a biocidal amount of a biocide uses a penetrating carrier vehicle containing an emulsifiable copolymer of a cyclic diene and a polymerizable, unsaturated glyceride. For biocides, such as iodopropargyl carbamate, which otherwise requires use of significant amounts of co-solvent to disperse, is directly soluble in the copolymer thereby eliminating or at least substantially reducing the need for co-solvents to assure stability of the biocide in the formulation. The concentrate also exhibits a low level of volatile organics.                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |