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(21) International Application Number: PCT/US98/25864 (22) International Filing Date: 4 December 1998 (04.12.98) (30) Priority Data: 08/995,144 29 December 1997 (29.12.97) US (71) Applicant: NALCO CHEMICAL COMPANY [US/US]; One Nalco Center, Naperville, IL 60563-1198 (US). (72) Inventors: SCHWINGEL, William, Richard; 930 Darius Lane, Naperville, IL 60565 (US). KEHOE, Victoria, Margaret; 3141 Booth Bay Lane, Aurora, IL 60504 (US). (74) Agent: KEEFER, Timothy, J.; Ladas & Parry, 224 S. Michigan Avenue, Chicago, IL 60604 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: A RAPID METHOD FOR THE ASSESSMENT OF THE INHIBITION AND KILL OF ANAEROBIC BACTERIA BY TOXIC COMPOUNDS (57) Abstract A rapid method for determining the minimum inhibitory concentration of biocides or biocidal agents for use in anaerobically contaminated aqueous systems is disclosed. This rapid technique provides for an opportunity to determine the minimum amount of antimicrobial agents, or biocides either singularly or combination, to control anaerobic growth in aqueous streams contaminated by microorganisms. The test involves the use of pH indicator dye systems which respond to the environmental changes caused by the production of byproducts of carbohydrate metabolism by anaerobes.		