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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: A01N 37/16, C02F 1/50, C07C 251/66	A1	(11) International Publication Number: WO 97/11603 (43) International Publication Date: 3 April 1997 (03.04.97)
(21) International Application Number: PCT/US96/15488 (22) International Filing Date: 27 September 1996 (27.09.96) (30) Priority Data: 08/536,319 29 September 1995 (29.09.95) US (71) Applicant: BUCKMAN LABORATORIES INTERNATIONAL, INC. [US/US]; 1256 North McLean Boulevard, Memphis, TN 38108-0305 (US). (72) Inventors: ZOLLINGER, Mark, L.; 1791 Brentwood Place #6, Memphis, TN 38134 (US). BRYANT, Stephen, D.; 6612 Country Bluff, Bartlett, TN 38135 (US). (74) Agents: PETERSON, Stephen, L.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US) et al.		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, 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, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, 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). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: METHODS AND COMPOSITIONS FOR CONTROLLING BIOFOULING USING OXIME ESTERS		
(I)		
(57) Abstract The present invention relates to a method to inhibit bacteria from adhering to a submergible surface. The method contacts the submergible surface with an effective amount of at least one oxime ester to inhibit bacterial adhesion to the submergible surface. The present invention also relates to a method for controlling biofouling of an aqueous system. This method adds an effective amount of at least one oxime ester to inhibit bacteria from adhering to a submerged surface within the aqueous system. This method effectively controls biofouling without substantially killing the bacteria. The oxime ester used in the method of the invention has formula (I). The present invention also relates to compositions containing oxime esters and useable in the above methods. The compositions comprise at least one oxime ester in an amount effective to inhibit bacteria from adhering to submergible or submerged surfaces.		