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(21) International Application Number: PCT/US97/14426 (22) International Filing Date: 15 August 1997 (15.08.97) (30) Priority Data: 08/697,308 22 August 1996 (22.08.96) US (71) Applicant: W.R. GRACE & CO.-CONN. [US/US]; 1114 Avenue of the Americas, New York, NY 10036 (US). (72) Inventors: BERKE, Neal, S.; 39 Charlemont Court, N. Chelmsford, MA 01863 (US). FOLLIARD, Kevin, J.; 103 White Fawn Road, Newark, DE 19716 (US). KERKAR, Awdhoot, V.; 119 Wellman Avenue, Chelmsford, MA 01863 (US). GILBERT, Brian, S.; 10913 Brennan Court, Columbia, MD 21044 (US). (74) Agents: LEON, Craig, K. et al.; W.R. Grace & Co.-Conn., 62 Whittemore Avenue, Cambridge, MA 02140 (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, GE, GH, HU, IL, IS, JP, KE, KG, KP, 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, KE, LS, MW, SD, SZ, UG, ZW), 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>
(54) Title: FIBERS HAVING ENHANCED CONCRETE BONDING STRENGTH		
(57) Abstract The bonding between concrete and fibers is enhanced by using a fiber coating material selected from certain glycol ethers, having at least three carbon atoms in an oxyalkylene group, and glycerol ethers. The present invention pertains to such coated fibers, a method for modifying a concrete using the coated fibers, and a cementitious composition containing the coated fibers.		