

PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION**

International Bureau

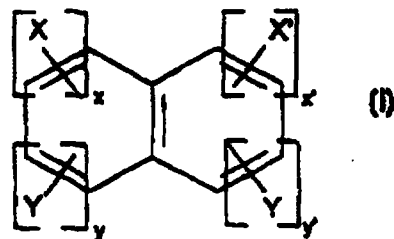
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International patent classification⁴: C08K 5/42, C08L 57/00, C08J 3/00 // (C08L 57/00, 57:00, 61:14)	A1	(11) International publication number: WO 00/06641 (43) International publication date: 10 February 2000 (10.02.00)
(21) International application number: PCT/FR99/01692 (22) International filing date: 9 July 1999 (09.07.99) (30) Data relating to the priority: 98/09,779 30 July 1998 (30.07.98) FR (71) Applicant (for all designated States except US): RHODIA CHIMIE [FR/FR]; 25, quai Paul Doumer, F-92408 Courbevoie Cedex (FR). (72) Inventors; and (75) Inventors/Applicants (US only): BETT, William [GB/FR]; 33, avenue Général Michel Bizot, F-75012 Paris (FR). COLOMBET, Jean-François [FR/FR]; 20, rue Eugène Labiche, F-92500 Rueil Malmaison (FR). (74) Representative: DUCREUX BERTRAND, Marie; Direction de la Propriété Industrielle, Rhodia Services, 25, quai Paul Doumer, F-92408 Courbevoie Cedex (FR).		(81) Designated states: AE, 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, IN, 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, US, UZ, VN, YU, ZA, ZW, ARIPO Patent (GH, GM, KE, LS, MW, SD, SL, 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 the International Search Report.</i>

As printed

(54) Title: WATER-REDISPERSIBLE FILM-FORMING POLYMER POWDERS PREPARED FROM ETHYLENICALLY UNSATURATED MONOMERS AND CONTAINING NAPHTHALENESULFONATES**(54) Titre: POUDRES REDISPERSABLES DANS L'EAU DE POLYMERES FILMOGENES PREPARES A PARTIR DE MONOMERES A INSATURATION ETHYLENIQUE ET CONTENANT DES NAPHTHALENESULFONATES****(57) Abstract**

The invention concerns a water-redispersible powder composition and comprising: at least a water-soluble film-forming polymer, said polymer (a) being prepared from at least an ethylenically unsaturated monomer; and at least a naphthalenesulphonate (b) of general formula (I), wherein: X and X', identical or different, represent OH or NH₂; Y represents SO₃⁻M⁺, M being an alkaline metal; x ≥ 0, x' ≥ 0 and x + x' ≥ 1; y ≥ 0, y' ≥ 0 and y + y' ≥ 1.

**(57) Abrégé**

L'invention concerne une composition pulvérulente redispersable dans l'eau et comportant: au moins un polymère filmogène insoluble dans l'eau, ledit polymère (a) étant préparé à partir d'au moins un monomère à insaturation éthylénique, et au moins un naphthalènesulfonate (b) de formule générale (I) dans laquelle: X et X', identiques ou différents, représentent OH ou NH₂. Y représente SO₃⁻, M⁺, avec M métal alcalin, x ≥ 0, x' ≥ 0 et x + x' ≥ 1; y ≥ 0, y' ≥ 0 et y + y' ≥ 1.