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(21) International Application Number: PCT/US99/10405 (22) International Filing Date: 12 May 1999 (12.05.99) (30) Priority Data: 09/076,655 12 May 1998 (12.05.98) US (71) Applicants (for all designated States except US): WITCO CORPORATION [US/US]; One American Lane, Greenwich, CT 06831 (US). WITCO SURFACTANTS GMBH [DE/DE]; Industriegebiet West, Max-Wolf Strasse 7, D-36496 Steinau an der Strasse (DE). (72) Inventors; and (75) Inventors/Applicants (for US only): DALRYMPLE, Damon, M. [US/US]; 2653 North Fourth Street, Columbus, OH 43202 (US). MANNING, Monna [US/US]; 654 Wilson Avenue, Columbus, OH 43205 (US). MERZ, Frank [DE/DE]; Richard-Wagner-Strasse #1, D-36396 Steinau (DE). (74) Agent: WITKOWSKI, Timothy, X.; One American Lane, Greenwich, CT 06831 (US).		(81) Designated States: CA, ID, JP, KR, SG, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
(54) Title: CLEAR PERSONAL CARE FORMULATIONS CONTAINING QUATERNARY AMMONIUM COMPOUNDS AND OTHER NITROGEN-CONTAINING COMPOUNDS (57) Abstract A composition formulated from a primary anionic surfactant, a secondary surfactant; and a nitrogen-containing compound of structural formula (1), wherein R is a saturated, linear, branched or cyclic alkyl or aryl group containing 12 to 22 carbon atoms, R₁ is a saturated or unsaturated, linear, branched or cyclic alkylene group containing 1 to 6 carbon atoms and may contain one or more hydroxyl groups, R₂ is selected from the group consisting of hydrogen, methyl, and benzyl; and A⁻ is a monovalent anion. $\begin{array}{c} \text{O} \\ \parallel \\ \text{R}-\text{CNH}-\text{R}_1-\text{N}^+-\text{R}_2 \\ \\ \text{CH}_3 \end{array} \quad \text{A}^- \quad (1)$		