

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

4408

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ : A61K 7/06	A1	(11) International Publication Number: WO 92/21319 (43) International Publication Date: 10 December 1992 (10.12.92)
(21) International Application Number: PCT/US92/04359 (22) International Filing Date: 26 May 1992 (26.05.92) (30) Priority data: 712,026 7 June 1991 (07.06.91) US (71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (72) Inventor: SETSER, Julia, Lect ; 7251 Jethve Lane, Cincinnati, OH 45243 (US). (74) Agent: REED, T., David; The Procter & Gamble Company, Ivorydale Technical Center, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).		(81) Designated States: AT (European patent), AU, BB, BE (European patent), BF (OAPI patent), BG, BJ (OAPI patent), BR, CA, CF (OAPI patent), CG (OAPI patent), CH (European patent), CI (OAPI patent), CM (OAPI patent), CS, DE (European patent), DK (European patent), ES (European patent), FI, FR (European patent), GA (OAPI patent), GB (European patent), GN (OAPI patent), GR (European patent), HU, IT (European patent), JP, KP, KR, LK, LU (European patent), MC (European patent), MG, ML (OAPI patent), MN, MR (OAPI patent), MW, NL (European patent), NO, PL, RO, RU, SD, SE (European patent), SN (OAPI patent), TD (OAPI patent), TG (OAPI patent). Published <i>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.</i>

(54) Title: HAIR STYLING AGENTS AND COMPOSITIONS CONTAINING HYDROPHOBIC HAIR STYLING POLYMERS**(57) Abstract**

Hair styling agents, and aqueous base hair care compositions containing them, wherein the hair styling agent comprises a water-insoluble hair styling polymer with a volatile, water-insoluble diluent. The water-insoluble hair styling polymer consists essentially of hydrophobic monomer units. These compositions are particularly useful for application to the hair in the form of a rinse-off hair care composition comprising the hair styling agent and an aqueous carrier providing a gel-like rheology.

This Sheet Has Been Replaced

