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| (21) International Application Number: PCT/US94/09040<br>(22) International Filing Date: 9 August 1994 (09.08.94)<br>(30) Priority Data:<br>08/110,592           23 August 1993 (23.08.93)       US<br>08/257,961           16 June 1994 (16.06.94)       US<br>(71) Applicant: THE PROCTER & GAMBLE COMPANY<br>[US/US]; One Procter & Gamble Plaza, Cincinnati, OH<br>45202 (US).<br>(72) Inventors: TORGERSON, Peter, Marte; 4127 U.S. Rt. 35<br>NW, Washington Court House, OH 43160 (US). MIDHA,<br>Sanjeev; Apartment 2D, 9247 Deercross Parkway, Blue Ash,<br>OH 45236 (US).<br>(74) Agents: REED, T., David et al.; The Procter & Gamble<br>Company, 5299 Spring Grove Avenue, Cincinnati, OH<br>45217 (US). |    | (81) Designated States: AM, AU, BB, BG, BR, BY, CA, CN, CZ,<br>GE, HU, JP, KG, KP, KR, KZ, LK, LT, LV, MD, MG,<br>MN, NO, NZ, PL, RO, RU, SI, SK, TJ, TT, UA, UZ, VN,<br>European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR,<br>IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF,<br>CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO<br>patent (KE, MW, SD).<br><br>Published<br><i>With international search report.<br/>         Before the expiration of the time limit for amending the<br/>         claims and to be republished in the event of the receipt of<br/>         amendments.</i> |

(54) Title: SILICONE GRAFTED THERMOPLASTIC ELASTOMERIC COPOLYMERS AND HAIR AND SKIN CARE COMPOSITIONS CONTAINING THE SAME

(57) Abstract

The present invention relates to water or alcohol soluble or dispersible silicone grafted thermoplastic elastomeric copolymers and to cosmetic and pharmaceutical compositions containing these copolymers. This invention especially relates to copolymers useful for hair styling purposes, and to hair styling compositions containing these copolymers. This invention further relates to copolymers useful for providing cosmetic and pharmaceutical compositions for topical application to the skin. These topical skin care compositions are useful for delivering and/or transdermally transporting active ingredients to or through the skin.

This Sheet Has Been Replaced

