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(21) International Application Number: ✓ PCT/US97/00791 (22) International Filing Date: ✓ 17 January 1997 (17.01.97) (30) Priority Data: 588,771 ✓ 19 January 1996 (19.01.96) US (71) Applicant: THE UNIVERSITY OF MICHIGAN [US/US]; Dept. of Dermatology, Medical Center, 1910 Taubman Health Care Center, Ann Arbor, MI 48109-0314 (US). SLL PF23 6 3/7/99 (72) Inventors: VOORHEES, John, J.; The University of Michigan, Dept. of Dermatology, Medical Center, 1910 Taubman Health Care Center, Ann Arbor, MI 48109-0314 (US). FISHER, Gary, J.; The University of Michigan, Dept. of Dermatology, Building Kreesge I, Room 6358, 1301 East Catherine, Ann Arbor, MI 48109-0528 (US) ✓ (74) Agent: RUBEN, Bradley, N.; Hopgood, Calimafde, Kalil & Judlowe, 60 East 42nd Street, New York, NY 10165 (US).		(81) Designated States: AU, BB, BR, BY, CA, CN, CZ, EE, GE, HU, IS, JP, KP, KR, LT, MK, MX, NO, NZ, PL, RO, RU, SC, SI, SK, TR, UA, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.
(54) Title: METHOD OF INHIBITING PHOTOAGING OF SKIN ✓ (57) Abstract Photoaging of undamaged skin due to UVB irradiation exposure is inhibited by administering an agent that inhibits at least one of (1) the activity of UVB irradiation inducible MMPs in the skin, (2) one or both of the transcription factors AP-1 and NF- B or (3) at least one of the GTP binding proteins or kinases involved in the activation and/or production of jun or fos proteins that comprise AP-1; and topically administering said inhibitor to the skin prior to such exposure.		