(19) World Intellectual Property Organization

International Bureau





(10) International Publication Number

PCT

(43) International Publication Date 10 July 2008 (10.07.2008)

(51) International Patent Classification:

(21) International Application Number:

PCT/US2007/080940

(22) International Filing Date: 10 October 2007 (10.10.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/647,648 29 December 2006 (29.12.2006) US

(71) Applicant (for all designated States except US): AVON PRODUCTS, INC. [US/US]; c/o Anthony M. Santini, 1345 Avenue of the Americas, New York, New York 10105-0196 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DRYER, Laurence [FR/US]; 137 Barrister Drive, Butler, New Jersey 07405 (US). TAFURI, Sherrie R. [US/US]; 40 Will Rogers Lane, Nanuet, New York 10954 (US). PTCHELINTSEV, Dmitri S. [US/US]; 1 Second Street, #1408, Jersey City, New Jersey 07302 (US).

WO 2008/082736 A3

(74) Agent: MCGILLYCUDDY, Joan M.; Avon Products,

Inc., Avon Place, Suffern, New York 10901 (US).

(81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, **BR**, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, **HR**, HU, **ID**, IL, IN, IS, **JP**, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL,

PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA,

ZM, ZW

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT,BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

(88) Date of publication of the international search report:

9 October 2008

(54) Title: COMPOSITIONS AND METHODS OF THEIR USE FOR IMPROVING THE CONDITION AND APPEARANCE OF SKIN

(57) Abstract: The present invention relates to compositions and methods for treating, preventing and improving the condition and aesthetic appearance of skin, particularly, treating, preventing, ameliorating, reducing and/or eliminating fine lines and/or wrinkles of skin, where the compositions include natural plant constituents, or synthetic equivalents thereof, which inhibit or decrease expression of C-reactive protein expression, production or secretion, thereby reducing, inhibiting, or ameliorating dermatological signs of aging. The compositions of the invention may be topically applied to the skin, or are delivered by directed means to a site in need thereof, in an amount effective in improving the condition and aesthetic appearance of skin.

INTERNATIONAL SEARCH REPORT

International application No

PCT/US07/80940

A CLASSIFICA					
IPC A	61K 9/00. 8/02,36/00(2006 01),49/00(2006 01)				
USPC 424	4/400,401,725,9 2				
According to Intern	national Patent Classification (IPC) or to both nation	onal classification and IPC			
B FIELDS SE	EARCHED				
Minimum document	Minimum documentation searched (classification system followed by classification symbols)				
U S 424/400,	401, 725, 9 2				
Documentation sea	arched other than minimum documentation to the	extent that such documents are included in	the fields searched		
Electronic data base	e consulted during the international search (name	of data base and, where practicable, search	terms used)		
Please See Continua	Please See Continuation Sheet				
C DOCUMENT	S CONSIDERED TO BE RELEVANT				
Category '*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No		
X US	6,764,826 B 2 (YEH et al) 20 July 2004 (20 07 200	04), abstract and Table 1	1, 3-8		
J	2005003 1572 (GALLINAT et al) 10 February 200	15 (10 02 2005), examples and claims	1-23		
Y US	2005/0221334 A 1 (BENSON) 0 6 October 2005 (0	06 10 2005), [0012], [0055]	24-27		
		, []			
1					
(
{					
1					
j					
Ì					
		D			
Further docur	ments are listed in the continuation of Box C	See patent family annex			
* Special	calego Tes of cited documents	'T later document published after the internal date and not in conflict with the application			
'A" document defining	g the general state of the an which is not considered to be of	principle or theory undertyrng the invention			
particular relevano	ce	"X" document of particular relevance, the cla	aimed invention cannot be		
"E" earlier application	or patent published on or after the international filing date	considered novel or cannot be considered when the document is taken alone	to mvolve an inventive step		
" L document which	may throw doubts on priority claun(s) or which is cited to				
establish the publ specified)	lication date of another citation or other special reason (as	"Y" document of particular relevance, the cla considered to involve an inventive step			
-		with one or more other such documents,	such combination being		
"O' document referrin	g to an oral disclosure, use, exhibition or other means	obvious to a person skilled in the art			
-	ed prior to the international filing date but later than the	"&" document member of the same patent fa	mily		
priority date clair		Data of mailing oss the i rectional Search	report		
Date of the actual		Date of mailing; off the interpretational Search 2008	report		
09 June 2008 (09 (
	address of the ISA/US		1		
Mail Slop PCT, Attn ISA/US Commissioner for Patents		Michael Woodward	Januel Ford		
P O Box		Telephone N o 571-272-1600	1 Dord		
Alexandria, Facsimile No (571)	Virginia 22313-1450) 273-3201	·	Lon		
Form PCT/ISA/210	(second sheet) (April 2007)				
	* * *		17		

	International application No.		
INTERNATIONAL SEARCH REPORT	PCT/US07/80940		
		1	
		,	
Continuation of B. FIELDS SEARCHED Item 3:			
west; medline search term C-reacitve proteins			
scarch term e-reactive proteins			

Form PCT/ISA/210 (extra sheet) (April 2007)