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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
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- (15) Information about Correction: see PCT Gazette No. 28/2006 of 13 July 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HYPOESTOXIDES, DERIVATIVES, AGONISTS AND CRUDE EXTRACTS THEREOF FOR USE IN TOPICAL COMPOSITIONS

(57) Abstract: Methods of alleviating skin conditions are described. The methods comprise application to a host's skin of an effective amount, in a topical composition or in isolation, of hypoestoxide crude extract, hypoestes rosea dried leaf powder or a hypoestoxide, derivative or agonist thereof, such that the skin irritation or condition is improved or alleviated. The methods further include application of the hypoestoxide compounds in combination with salicylic acid derivatives, hydroxy acids, retinol and its esters, retinoic acid and its derivatives, perfumes, fragrances, aftershaves, deodorants and with vitamins.

INTERNATIONAL SEARCH REPORT

International application No PM/US2005/038385

A. CLASSIF	FICATION OF SUBJECT A61K31/336 A61P17/16 A61K8/55	MATTER A61K35/78 A61P17/08 A61K8/97	A61P17/00 A61K31/66 A61Q17/04	A61P17/06 5 A61K31/5377 A61Q19/00	A61K8/49
According to	International Patent Clas	sification (IPC) or to both	national classification	on and IPC	
B. FIELDS !	SEARCHED cumentation searched (cl A61K	assification system follow	ved by classification	symbols)	
Documentat	ion searched other than n	inimum documentation t	o the extent that suc	h documents are included in t	the fields searched
Electronic da	ata base consulted during	the international search	(name of data base	and, where practical, search	terms used)
EPO-In	ternal, WPI Da	ta, PAJ, CHE	1 ABS Data		
C. DOCUME	ENTS CONSIDERED TO	BE RELEVANT			
Category*	Citation of document, w	th indication, where app	ropriate, of the relev	ant passages	Relevant to claim No.
Х	WO 03/02226 20 March 20 claims 8,12 page 13, 1 page 15, 1	ines 22-25	ST, INC) 20)		1-28
X	22 October	 2 A (IMMUNE M 1998 (1998-1 ne applicatio ines 10-12 nes 16,17 	0–22) n ––	INC)	1-34
X Furt	ther documents are listed	n the continuation of Bo	x C.	X See patent family ann	ex.
"A" docum consi "E" earlier filing i "L" docum which citatic "O" docum other "P" docum later i	ent which may throw dout I is cited to establish the p on or other special reason nent referring to an oral dis means tent published prior to the than the priority date clain	ate of the art which is noted and of the internation at one priority claim(s) or ublication date of anothe (as specified) inclosure, use, exhibition international filing date hed	ot aal • r • or	or priority date and not in cited to understand the prinvention X* document of particular relecannot be considered not involve an inventive step Y* document of particular relecannot be considered to indocument is combined with ments, such combination in the art. &* document member of the step	· · · · · · · · · · · · · · · · · · ·
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INTERNATIONAL SEARCH REPORT

International application No /US2005/038385

	-	No. / US2005/038385
C(Continua		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	OJO-AMAIZE EMMANUEL A ET AL: "Hypoestoxide, a novel anti-inflammatory natural diterpene, inhibits the activity of IkappaB kinase" CELLULAR IMMUNOLOGY, ACADEMIC PRESS, SAN DIEGO, CA, US, vol. 209, no. 2, 1 May 2001 (2001-05-01), pages 149-157, XP002201700 ISSN: 0008-8749 page 149, column 1, paragraph 1 page 149, column 2, paragraph 1 page 153 - page 154; table 2	1-34
X	WO 02/30385 A (HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN; GERKE, THOMAS; SAETTLER, ANDR) 18 April 2002 (2002-04-18) claims page 4, paragraph 4	29,31-34
P,X	US 2005/112071 A1 (OJO-AMAIZE EMMANUEL A ET AL) 26 May 2005 (2005-05-26) claims	1-34

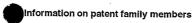
INTERNATIONAL SEARCH REPORT



Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: Although claims 1-34 are directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This international Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

CORRECTED VERHIN

INTERNATIONAL SEARCH REPORT



International application No PCT/US2005/038385

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