

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/024120 A3

(51) International Patent Classification⁷: **A61K 7/50**

(21) International Application Number:
PCT/IL2003/000738

(22) International Filing Date:
8 September 2003 (08.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
151686 11 September 2002 (11.09.2002) IL
157585 26 August 2003 (26.08.2003) IL

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, 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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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

(71) Applicant and

(72) Inventor: **BIANCO, Gil** [IL/IL]; 7 Ya'ara, IL-43220 Raanana (IL).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **CHERKEZ, Stephen** [IL/IL]; 3 Nakar Street, P.O. Box 5473, IL-38900 Caesarea (IL). **FRIEDMAN, Marcel** [IL/IL]; 1 Yair Stern St., IL-4500 Hod Hasharon (IL).

(74) Agent: **WOLFF, BREGMAN AND GOLLER**; P.O. Box 1352, 91013 Jerusalem (IL).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
24 June 2004

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: MEDICATED SKIN CLEANSING PRODUCTS COMPRISING AN ANTIMYCOTIC AGENT

(57) Abstract: The invention provides a medicated skin cleansing product for the treatment or prevention of skin disorders containing an antimycotic agent and having a pH between 3.5-6.0 wherein the antimycotic agent is selected from the group consisting of terbinafine or ciclopirox or an imidazole.



WO 2004/024120 A3

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL 03/00738

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K7/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/17876 A (UNILEVER PLC ; LEVER HINDUSTAN LTD (IN); UNILEVER NV (NL)) 7 March 2002 (2002-03-07) page 12, lines 1-16; claims 1-8 -----	1-9, 28-43
X	WO 96/29983 A (RAMACHANDRAN PALLASSANA N ; PATEL AMRIT M (US); COLGATE PALMOLIVE C) 3 October 1996 (1996-10-03) claims 1-44; example 3 -----	1-9, 28-43
X	GB 2 342 862 A (HADLEY GRAVE CHRISTOPHER JOHN ; SNYMAN JOHANNES MARTHINUS (ZA)) 26 April 2000 (2000-04-26) cited in the application the whole document ----- -/--	1-9, 23, 24, 28-43, 47

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

20 January 2004

Date of mailing of the international search report

17. 05. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lindner, A

INTERNATIONAL SEARCH REPORT

International Application No

PC7/IL 03/00738

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 989 536 A (FRENCH DAWN MARIE ET AL) 23 November 1999 (1999-11-23) column 7, lines 27-53; claims 38-54; example XIV -----	1-9, 28-43

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IL 03/00738

Box I Observations where certain claims were found unsearchable (Continuation of item 1 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. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

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 II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ 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.:
1-9, 23-24, 28-43 (complete), 25-27, 47 (part)

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9, 23-24, 28-43 (complete), 25-27, 47 (part)

Medicated skin cleansing products for the treatment or prevention of skin disorders containing an antimycotic agent having a pH between 3.5 - 6.0 wherein the antimycotic agent is selected from the group consisting of terbinafine, ciclopirox or an imidazole.

2. claims: 10-20, 44-46 (complete), 25-27, 47 (part)

Skin cleansing bar products comprising 20-70% of anionic surfactants, antimycotic agents and further excipients

3. claims: 47 (part), 48-59 (complete)

Liquid soap compositions comprising anionic surfactants, antimycotic agents and further excipients

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL 03/00738

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0217876	A	07-03-2002	AU	1043102 A	13-03-2002
			WO	0217876 A2	07-03-2002
			US	2002045554 A1	18-04-2002

WO 9629983	A	03-10-1996	AU	5318596 A	16-10-1996
			BR	9607952 A	14-07-1998
			TW	449485 B	11-08-2001
			WO	9629983 A1	03-10-1996
			US	5834409 A	10-11-1998
			ZA	9602501 A	29-09-1997

GB 2342862	A	26-04-2000	AU	5605099 A	04-05-2000
			ZA	9906672 A	15-05-2000

US 5989536	A	23-11-1999	AT	179883 T	15-05-1999
			CA	2168543 A1	09-02-1995
			CN	1130864 A ,B	11-09-1996
			DE	69418465 T2	09-12-1999
			EP	0714283 A1	05-06-1996
			ES	2131208 T3	16-07-1999
			GR	3030575 T3	29-10-1999
			JP	9501161 T	04-02-1997
			WO	9503781 A1	09-02-1995
