



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>7</sup> :</b> <b>A61K 7/031, 7/02, 7/021, 7/48,</b> <b>7/42, 7/00</b>	<b>A3</b>	<b>(11) International Publication Number:</b> <b>WO 00/12053</b>  <b>(43) International Publication Date:</b> 9 March 2000 (09.03.00)
<b>(21) International Application Number:</b> PCT/US99/19923  <b>(22) International Filing Date:</b> 31 August 1999 (31.08.99)  <b>(30) Priority Data:</b> 09/144,935 1 September 1998 (01.09.98) US  <b>(71) Applicant (for all designated States except US):</b> AMWAY CORPORATION [US/US]; 7575 Fulton Street East, Ada, MI 49355 (US).  <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only):</b> LEVERETT, Jesse, C. [US/US]; 5741 East Dorado Court, Rockford, MI 49341 (US).  <b>(74) Agent:</b> SCHWENNING, Lynn; Amway Corporation, 7575 Fulton Street East, Ada, MI 49355 (US).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU (Petty patent), AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DE (Utility model), DK, EE, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>  <b>(88) Date of publication of the international search report:</b> 29 June 2000 (29.06.00)
<b>(54) Title:</b> MAKEUP COMPOSITIONS AND METHODS OF MAKING SAME  <b>(57) Abstract</b>  <p>Makeup compositions having enhanced transfer resistance including at least one hydrophilic film former. The makeup can be a water-in-oil emulsion having the hydrophilic film former in the internal water phase and at least one pigment in the external oil phase. The makeup composition can also be a suspension of one or more cationically-coated pigments in water in which the hydrophilic film former is dissolved. The hydrophilic film former may also be an anionic gelling agent, whereby the cationically-coated pigment and the anionic gelling agent form a water-dispersable complex that upon application to the skin forms an insoluble pigmented salt having enhanced transfer resistance.</p>		

**FOR THE PURPOSES OF INFORMATION ONLY**

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece	ML	Mali	TR	Turkey
BG	Bulgaria	HU	Hungary	MN	Mongolia	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MR	Mauritania	UA	Ukraine
BR	Brazil	IL	Israel	MW	Malawi	UG	Uganda
BY	Belarus	IS	Iceland	MX	Mexico	US	United States of America
CA	Canada	IT	Italy	NE	Niger	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NL	Netherlands	VN	Viet Nam
CG	Congo	KE	Kenya	NO	Norway	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NZ	New Zealand	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	PL	Poland		
CM	Cameroon	KR	Republic of Korea	PT	Portugal		
CN	China	KZ	Kazakistan	RO	Romania		
CU	Cuba	LC	Saint Lucia	RU	Russian Federation		
CZ	Czech Republic	LI	Liechtenstein	SD	Sudan		
DE	Germany	LK	Sri Lanka	SE	Sweden		
DK	Denmark	LR	Liberia	SG	Singapore		
EE	Estonia						

# INTERNATIONAL SEARCH REPORT

In' tional Application No

PCT/US 99/19923

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K7/031 A61K7/02 A61K7/021 A61K7/48 A61K7/42  
A61K7/00

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)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 96 33689 A (PROCTER &amp; GAMBLE) 31 October 1996 (1996-10-31)</p> <p>abstract page 5, line 3 - line 10 page 6, line 16 - line 17 page 6, line 26 -page 7, line 11 page 8, line 5 - line 13 page 9, line 1 - line 30 page 10, line 28 -page 12, line 13 examples</p> <p style="text-align: center;">--- -/--</p>	<p>1,2,4,5, 7,8, 12-14</p>



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.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

13 March 2000

Date of mailing of the international search report

05.04.00

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

Cielen, E

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/19923

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 686 510 A (OREAL) 30 July 1993 (1993-07-30) --- abstract page 1, line 28 - line 33 page 2, line 5 - line 29 page 6, line 22 -page 7, line 13 page 8, line 3 - line 15 example 8	1-5,7,8, 12,13
X	WO 95 04517 A (PROCTER & GAMBLE ;BRIGGS GILLIAN SCOTT (GB); CROOK TERESA BARBARA) 16 February 1995 (1995-02-16) --- page 1, paragraph 1 page 7, paragraph 4 page 12, paragraph 3 -page 13, paragraph 4 page 16, paragraph 3 -page 17, paragraph 1 examples	1,2,4,5, 7,8,12, 13
A	EP 0 856 305 A (OREAL) 5 August 1998 (1998-08-05) --- abstract column 1, line 53 -column 2, line 24 column 2, line 52 - line 55 column 3, line 21 -column 4, line 58 column 5, line 38 -column 6, line 44 column 8, line 3 - line 5 examples	1,2,5,8, 9,12,17, 21
X	WO 93 18852 A (YISSAM RESEARCH DEV COMPANY OF) 30 September 1993 (1993-09-30) --- abstract page 4, line 1 - line 13 page 7, line 11 - line 14 page 8, line 15 - line 25 examples AS2,AS24,15 claims 1,19,20	15,18,20
X	WO 93 23482 A (BOOTS CO PLC ;GALLEY EDWARD (GB); FARDELL NICOLA ANNE (GB)) 25 November 1993 (1993-11-25) --- abstract page 1, paragraph 1 - paragraph 3 page 9, paragraph 1 - paragraph 5 page 11, paragraph 4 - paragraph 5 page 15, paragraph 4 example 1	15,18-20
A		29,30
	---	
	-/--	

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/19923

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 476 660 A (SOMASUNDARAN PONISSERIL ET AL) 19 December 1995 (1995-12-19) abstract column 2, line 19 - line 38 column 2, line 58 - line 66 column 3, line 32 - line 50 column 4, line 25 - line 47 column 6, line 37 - line 42 column 7, line 52 - column 8, line 17 examples 9-11 -----	15,18, 25,28
A	EP 0 504 066 A (OREAL) 16 September 1992 (1992-09-16) cited in the application abstract page 2, line 55 - page 3, line 6 page 3, line 30 - line 31 page 10, line 36 - line 52 page 11, line 36 - line 47 example D -----	15-34
A	GB 2 280 605 A (PROCTER & GAMBLE) 8 February 1995 (1995-02-08) abstract page 3, paragraph 4 page 3, paragraph 7 - page 4, paragraph 1 page 5, paragraph 1 - paragraph 2 page 6, paragraph 2 page 9, paragraph 2 - page 10, paragraph 1 examples I-IV -----	15-34
P, X	WO 99 24001 A (PROCTER & GAMBLE) 20 May 1999 (1999-05-20)	15,18, 19,22, 23,25
P, A	abstract page 2, paragraph 3 page 3, paragraph 3 - paragraph 4 page 4, paragraph 3 - paragraph 4 page 5, paragraph 5 page 6, paragraph 6 page 13, paragraph 3 - paragraph 4 page 14, paragraph 5 - page 15, paragraph 3 page 39, paragraph 4 - paragraph 6 example 7 claims 1-3,5,11,12 -----	31-34
P, A	WO 99 22698 A (PROCTER & GAMBLE) 14 May 1999 (1999-05-14) example XVIII -----	24,27

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US 99/19923

### 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.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

International Application No. PCT/US 99/19923

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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

1. Claims: 1-14

A water-in-oil make-up composition comprising (a) an external oil phase including a volatile oil and at least one particle dispersed in the oil, and (b) an internal water phase including water and at least one hydrophilic film former dispersed in the water.

2. Claims: 15-34

A make-up composition comprising (a) water, (b) at least one hydrophilic film former dispersed in the water, (c) cationically-coated particle(s) dispersed in the water; the method of forming such a make-up composition and the method of applying such a make-up composition to the skin.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 99/19923

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9633689 A	31-10-1996	AU 5377596 A CA 2219677 A CN 1184414 A CZ 9703381 A EP 0822799 A JP 11504326 T	18-11-1996 31-10-1996 10-06-1998 18-03-1998 11-02-1998 20-04-1999
FR 2686510 A	30-07-1993	AT 136772 T CA 2106479 A DE 69302231 D DE 69302231 T EP 0577817 A ES 2086931 T WO 9314742 A GR 3020195 T JP 6506487 T US 5942213 A	15-05-1996 28-07-1993 23-05-1996 07-11-1996 12-01-1994 01-07-1996 05-08-1993 30-09-1996 21-07-1994 24-08-1999
WO 9504517 A	16-02-1995	AU 694740 B AU 7517594 A CA 2168842 A CN 1130861 A CZ 9600346 A EP 0717612 A JP 9501431 T US 5871754 A	30-07-1998 28-02-1995 16-02-1995 11-09-1996 12-06-1996 26-06-1996 10-02-1997 16-02-1999
EP 0856305 A	05-08-1998	US 5843417 A CA 2225587 A JP 10306014 A	01-12-1998 03-08-1998 17-11-1998
WO 9318852 A	30-09-1993	IL 101241 A AT 182485 T AU 670443 B AU 4368393 A CA 2132210 A DE 69325796 D DE 69325796 T EP 0630286 A ES 2134850 T JP 7504848 T US 6007826 A	20-11-1997 15-08-1999 18-07-1996 21-10-1993 30-09-1993 02-09-1999 09-03-2000 28-12-1994 16-10-1999 01-06-1995 28-12-1999
WO 9323482 A	25-11-1993	AU 4067193 A	13-12-1993
US 5476660 A	19-12-1995	AU 3077695 A BR 9508504 A CA 2195857 A DE 69508767 D DE 69508767 T WO 9603972 A EP 0776193 A ES 2129242 T JP 10503497 T	04-03-1996 26-05-1998 15-02-1996 06-05-1999 05-08-1999 15-02-1996 04-06-1997 01-06-1999 31-03-1998
EP 0504066 A	16-09-1992	FR 2673838 A AT 142105 T AU 1552892 A	18-09-1992 15-09-1996 21-10-1992



# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 99/19923

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0504066 A		DE 69213280 D	10-10-1996
		DE 69213280 T	03-04-1997
		DK 504066 T	10-02-1997
		ES 2092069 T	16-11-1996
		WO 9216190 A	01-10-1992
		GR 3021650 T	28-02-1997
GB 2280605 A	08-02-1995	NONE	
WO 9924001 A	20-05-1999	US 5997887 A	07-12-1999
		AU 9640098 A	31-05-1999
WO 9922698 A	14-05-1999	US 5985294 A	16-11-1999
		AU 9555598 A	24-05-1999