

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
23 September 2010 (23.09.2010)

PCT

(10) International Publication Number  
**WO 2010/106433 A3**

- (51) **International Patent Classification:**  
*C11D 3/48* (2006.01) *C11D 9/50* (2006.01)
- (21) **International Application Number:**  
PCT/IB2010/000611
- (22) **International Filing Date:**  
20 March 2010 (20.03.2010)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**  
544/DEL/2009 20 March 2009 (20.03.2009) IN
- (71) **Applicant (for all designated States except US):** **HIMALAYA GLOBAL HOLDINGS LTD.**; Elizabethan Square, Block B, P.O. Box 1162, Grand Cayman KY1-1102 (KY).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **SURIANARAYANAN, Ramesh** [IN/IN]; Research and Development Center, The Himalaya Drug Company, Makali, Bangalore-562 123, Karnataka (IN). **MANRAL, Krishnan** [IN/IN]; Research and Development Center, The Himalaya Drug Company, Makali, Bangalore-562 123, Karnataka (IN). **DAS, Anindita** [IN/IN]; Research and Development Center, The Himalaya Drug Company, Makali, Bangalore-562 123, Karnataka (IN). **ROSELINE, Gandham** [IN/IN]; Research and Development Center, The Himalaya Drug Company, Makali, Bangalore-562 123, Karnataka (IN).
- (74) **Agent:** **BABU, M., R., Ramesh**; M/s Lex Orbis (Intellectual Property Practice), 709/710, Tolstoy House, 15-17 Tolstoy Marg, New Delhi 110 001 (IN).
- (81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, 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, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
- with international search report (Art. 21(3))
  - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
- (88) **Date of publication of the international search report:**  
18 November 2010



WO 2010/106433 A3

(54) **Title:** HERBAL CLEANSING COMPOSITION AND METHOD OF PREPARING THE SAME

(57) **Abstract:** Disclosed herein is a herbal cleansing composition comprising extracts of herbs along with dehydroxanthan gum and alkylpolyglucoside and cosmeceutically acceptable excipients and method of preparing the same.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 10/00611

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(8) - C11D 3/48, 9/50 (2010.01) USPC - 510/382-383 According to International Patent Classification (IPC) or to both national classification and IPC																															
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) USPC- 510/382-383  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC- 424/70.1, 725; 510/119; 536/114 (see search terms below)																															
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWest (US Pat, PgPub, EPO, JPO: classification, keyword), GoogleScholar; search terms: dehydroxanthan, dehydrate, apg, alkyl polyglucoside, herb, herbal, critical, water, fluid, extract, gentle baby shampoo, vetivera zizanoide, cynodon dactylon, cyperus rotundus, sida cordifolia, glycyrrhiza glabra																															
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>																															
<table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>US 2007/0196318 A1 (MARINI) 23 August 2007 (23.08.2007) para [0005], [0014], [0040], [0045], [0047], [0058], [0061], [0064], [0294], [0305]</td> <td>1-11</td> </tr> <tr> <td>Y</td> <td>US 2008/0305055 A1 (BASCHONG et al.) 11 December 2008 (11.12.2008) Table 4a; para [0257], [0293]-[0305], [0309], [0332], [0333], [0371], [0407]</td> <td>1-11</td> </tr> <tr> <td>Y</td> <td>US 4,632,837 A (SCHUTZ et al.) 30 December 1986 (30.12.1986) col 1, ln 7-23; col 3, ln 6-38; col 4, ln 26-40</td> <td>1-11</td> </tr> <tr> <td>Y</td> <td>US 2006/0134045 A1 (CAO et al.) 22 June 2006 (22.06.2006) entire document</td> <td>5</td> </tr> <tr> <td>A</td> <td>US 2009/0047226 A1 (TECKENBROCK et al.) 19 February 2009 (19.02.2009) entire document</td> <td>1-11</td> </tr> <tr> <td>A</td> <td>US 2004/0028643 A1 (CHIBA et al.) 12 February 2004 (12.02.2004) entire document</td> <td>1-11</td> </tr> <tr> <td>A</td> <td>US 2003/0180334 A1 (ZHOU et al.) 25 September 2003 (23.09.2003) entire document</td> <td>1-11</td> </tr> <tr> <td>A</td> <td>US 2003/0175366 A1 (PAULY et al.) 18 September 2003 (18.09.2003) entire document</td> <td>1-11</td> </tr> <tr> <td>A</td> <td>JP 11-192165 A (AKIHIKO et al.) 21 July 1999 (21.07.1999) entire document</td> <td>1-11</td> </tr> </tbody> </table>	Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	US 2007/0196318 A1 (MARINI) 23 August 2007 (23.08.2007) para [0005], [0014], [0040], [0045], [0047], [0058], [0061], [0064], [0294], [0305]	1-11	Y	US 2008/0305055 A1 (BASCHONG et al.) 11 December 2008 (11.12.2008) Table 4a; para [0257], [0293]-[0305], [0309], [0332], [0333], [0371], [0407]	1-11	Y	US 4,632,837 A (SCHUTZ et al.) 30 December 1986 (30.12.1986) col 1, ln 7-23; col 3, ln 6-38; col 4, ln 26-40	1-11	Y	US 2006/0134045 A1 (CAO et al.) 22 June 2006 (22.06.2006) entire document	5	A	US 2009/0047226 A1 (TECKENBROCK et al.) 19 February 2009 (19.02.2009) entire document	1-11	A	US 2004/0028643 A1 (CHIBA et al.) 12 February 2004 (12.02.2004) entire document	1-11	A	US 2003/0180334 A1 (ZHOU et al.) 25 September 2003 (23.09.2003) entire document	1-11	A	US 2003/0175366 A1 (PAULY et al.) 18 September 2003 (18.09.2003) entire document	1-11	A	JP 11-192165 A (AKIHIKO et al.) 21 July 1999 (21.07.1999) entire document	1-11	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																													
Y	US 2007/0196318 A1 (MARINI) 23 August 2007 (23.08.2007) para [0005], [0014], [0040], [0045], [0047], [0058], [0061], [0064], [0294], [0305]	1-11																													
Y	US 2008/0305055 A1 (BASCHONG et al.) 11 December 2008 (11.12.2008) Table 4a; para [0257], [0293]-[0305], [0309], [0332], [0333], [0371], [0407]	1-11																													
Y	US 4,632,837 A (SCHUTZ et al.) 30 December 1986 (30.12.1986) col 1, ln 7-23; col 3, ln 6-38; col 4, ln 26-40	1-11																													
Y	US 2006/0134045 A1 (CAO et al.) 22 June 2006 (22.06.2006) entire document	5																													
A	US 2009/0047226 A1 (TECKENBROCK et al.) 19 February 2009 (19.02.2009) entire document	1-11																													
A	US 2004/0028643 A1 (CHIBA et al.) 12 February 2004 (12.02.2004) entire document	1-11																													
A	US 2003/0180334 A1 (ZHOU et al.) 25 September 2003 (23.09.2003) entire document	1-11																													
A	US 2003/0175366 A1 (PAULY et al.) 18 September 2003 (18.09.2003) entire document	1-11																													
A	JP 11-192165 A (AKIHIKO et al.) 21 July 1999 (21.07.1999) entire document	1-11																													
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/>																															
<table border="0"> <tr> <td colspan="2">* Special categories of cited documents:</td> </tr> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"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</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"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</td> </tr> <tr> <td>"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)</td> <td>"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</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&amp;" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>		* Special categories of cited documents:		"A" document defining the general state of the art which is not considered to be of particular relevance	"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	"E" earlier application or patent but published on or after the international filing date	"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	"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)	"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	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed																			
* Special categories of cited documents:																															
"A" document defining the general state of the art which is not considered to be of particular relevance	"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																														
"E" earlier application or patent but published on or after the international filing date	"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																														
"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)	"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																														
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family																														
"P" document published prior to the international filing date but later than the priority date claimed																															
Date of the actual completion of the international search 02 September 2010 (02.09.2010)	Date of mailing of the international search report <div style="text-align: center; font-size: 1.2em; font-weight: bold;">14 SEP 2010</div>																														
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	Authorized officer: <div style="text-align: right;">Lee W. Young</div> PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774																														