



(51) International Patent Classification:

A61K 8/41 (2006.01) A61Q 19/02 (2006.01)
A61K 8/73 (2006.01) A61K 8/02 (2006.01)
A61K 8/81 (2006.01)

(21) International Application Number:

PCT/IB2011/001865

(22) International Filing Date:

15 July 2011 (15.07.2011)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

JP2010-177580 6 August 2010 (06.08.2010) JP

(71) Applicant (for all designated States except US):

CHANEL PARFUMS BEAUTE [FR/FR]; 135 avenue
Charles de Gaulle, F-92200 Neuilly sur Seine (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MIYAMOTO,

Masayoshi [JP/JP]; 8-24, Kasaya Cho, Nishinomiya, Hyogo 663-8163 (JP). KUROMIYA, Tomomi [JP/JP]; 71-4, Nijigaoka-chou, Matsusaka, Mie 515-0042 (JP). SUZUKI, Daisuke [JP/JP]; 1072-1 Kami-cho, Kofu, Yamanashi 400-0831 (JP).

(74) Agents: BERNARDI, Céline et al.; Cabinet Plasseraud,

52 rue de la Victoire, F-75440 Paris Cedex 09 (FR).

(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, 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, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, 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, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))

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

25 April 2013

(54) Title: METHOD FOR PRODUCING COMPOSITION FOR EXTERNAL USE CONTAINING PHYSIOLOGICALLY ACCEPTABLE SALT OF TRANEXAMATE

(57) Abstract: The present invention provides a composition for external use containing a tranexamate as an active ingredient with suppressed sticky or oily feeling but having a fresh feel of use, and a method for producing the same. A tranexamate salt can be dispersed stably in an aqueous medium by (a) dissolving the tranexamate salt and an amphiphilic polymer in water, a water-soluble organic solvent or a mixture thereof; and (b) adding a mixed solution obtained in the step (a) to an aqueous medium, and thus keeping the tranexamate salt in molecular assembly particles formed of the amphiphilic polymer.



INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2011/001865

A. CLASSIFICATION OF SUBJECT MATTER		
INV.	A61K8/41	A61K8/73
		A61K8/81
		A61Q19/02
ADD.		A61K8/02
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)		
A61K A61Q		
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 practicable, search terms used)		
EPO-Internal, WPI Data, CHEM ABS Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE GNPD [Online] MINTEL; March 2009 (2009-03), "Bright White EX", XP002691219, Database accession no. 1089617	10-12,15
Y	the whole document	1-15
Y	----- WO 2006/114338 A1 (CHANEL PARFUMS BEAUTE [FR]; NIKKO CHEMICALS [JP]; MASAKI HITOSHI [JP];) 2 November 2006 (2006-11-02) cited in the application page 1, line 26 - page 2, line 23 page 5, line 8 - page 6, line 14 page 8, lines 9-10 page 10, lines 7-9 page 18, line 31 - page 19, line 5 claims 1-4; example 1 -----	1-15
	-/--	
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* 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	Date of mailing of the international search report	
1 February 2013	15/02/2013	
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Perrone Dunet, S	

INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2011/001865

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2006 045079 A (POLA CHEM IND INC) 16 February 2006 (2006-02-16) cited in the application abstract	1-15
X,P	----- WO 2011/069915 A1 (CHANEL PARFUMS BEAUTE [FR]; MIYAMOTO MASAYOSHI [JP]; KUROMIYA TOMOMI []) 16 June 2011 (2011-06-16) example 25; tables 5, 6, 10 -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2011/001865

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
WO 2006114338	A1	02-11-2006	JP 4723899 B2	13-07-2011
			JP 2006306744 A	09-11-2006
			WO 2006114338 A1	02-11-2006

JP 2006045079	A	16-02-2006	NONE	

WO 2011069915	A1	16-06-2011	CN 102686206 A	19-09-2012
			EP 2509559 A1	17-10-2012
			JP 2011140487 A	21-07-2011
			KR 20120114279 A	16-10-2012
			US 2012244204 A1	27-09-2012
			WO 2011069915 A1	16-06-2011
