

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 December 2011 (15.12.2011)

(10) International Publication Number
WO 2011/156030 A3

(51) International Patent Classification:

A61K 9/107 (2006.01) A61P 17/00 (2006.01)
A61K 9/12 (2006.01) A61P 29/00 (2006.01)

(21) International Application Number:

PCT/US2011/028079

(22) International Filing Date:

11 March 2011 (11.03.2011)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/353,778 11 June 2010 (11.06.2010) US

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(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, 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).

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:

26 January 2012

(54) Title: HIGH OIL-CONTENT EMOLLIENT AEROSOL FOAM COMPOSITIONS

(57) Abstract: Described herein are high oil-content emulsions and compositions for the treatment of inflammatory skin disorders. The emulsions may be formulated as aerosol compositions. The aerosol propellant may be a hydrofluoroalkane propellant. The emulsions or compositions may comprise active agents, such as corticosteroids. Also described are methods of treating inflammatory skin disorders, comprising the step of applying to an affected area of a subject in need thereof a therapeutically-effective amount of an inventive emulsion or aerosol composition.



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A. CLASSIFICATION OF SUBJECT MATTER*A61K 9/107(2006.01)i, A61K 9/12(2006.01)i, A61P 17/00(2006.01)i, A61P 29/00(2006.01)i*

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: A61K 9; A61K 7; A61K 31

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)

eKOMPASS(KIPO internal), PUBMED

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 2108360 A2 (COLLEGIUM PHARMACEUTICAL, INC.) 14 October 2009 See paragraphs [0001],[0005],[0014]-[0017] and [0024].	1 2-4,67-75
A	US 2003-0059382 A1 (LORALEI MARIE BRANDT et al.) 27 March 2003 See whole document.	1-4,67-75
A	US 2008-0317679 A1 (TAMARKIN DOV et al.) 25 December 2008 See whole document.	1-4,67-75
A	US 2007-0154402 A1 (COLLEGIUM PHARMACEUTICAL, INC.) 05 July 2007 See whole document.	1-4,67-75

 Further documents are listed in the continuation of Box C. 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

"E" earlier application or patent 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 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

25 NOVEMBER 2011 (25.11.2011)

Date of mailing of the international search report

29 NOVEMBER 2011 (29.11.2011)

Name and mailing address of the ISA/KR

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Box No. 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. Claims Nos.: 100-104
because they relate to subject matter not required to be searched by this Authority, namely:
Claims 100-104 pertain to methods for treatment or diagnostic of the human body by therapy, and thus relate to a subject matter which this International Searching Authority is not required, under Article 17(2)(a)(i) of the PCT and Rule 39.1(iv) of the Regulations under the PCT, to search.
2. Claims Nos.: See below claims
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:
Claims 6, 8, 13, 15, 17, 19, 21, 23, 25, 27-29, 33, 39, 41, 46, 48, 50, 52, 58, 60, 63, 66, and 92-96 are unclear since they refer to claims which are not searchable due to not being drafted in accordance with the third sentence of Rule 6.4(a).
3. Claims Nos.: See extra sheet
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. 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:

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 and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2011/028079

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US 2007-0154402 A1	05.07.2007	None	

Continuation of item 3 of Box No.II.

Claims Nos: 5, 7, 9-12, 14, 16, 18, 20, 22, 24, 26, 30-32, 34-38, 40, 42-45, 47, 49, 51, 53-57, 59, 61-62, 64-65, 76-91, 97-99