

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 July 2009 (16.07.2009)

PCT

(10) International Publication Number
WO 2009/088255 A3

(51) International Patent Classification:

A61K 39/00 (2006.01) C07H 21/04 (2006.01)
A61K 39/02 (2006.01) C07K 14/32 (2006.01)
A61K 39/07 (2006.01) C12N 1/21 (2006.01)

(21) International Application Number:

PCT/KR2009/000134

(22) International Filing Date:

9 January 2009 (09.01.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10-2008-0002656 9 January 2008 (09.01.2008) KR

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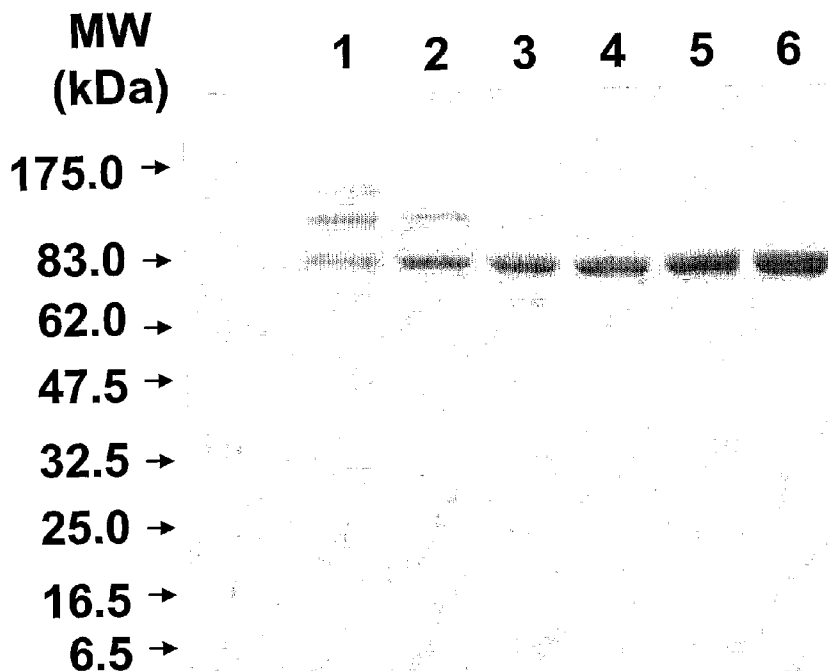
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[Continued on next page]

(54) Title: METHOD FOR PREPARING ANTIGEN EFFECTIVE FOR PREVENTING ANTHRAX INFECTION

FIG. 1



(57) Abstract: The method of the present invention comprising successive column chromatography processes for the purification of an anthrax protective antigen can achieve an improved purity of the anthrax protective antigen product by effectively removing impurities (e.g., cellular residual proteins in the culture solution) without the loss of anthrax protective antigen. Therefore, the method of the present invention can be advantageously used for economically producing the anthrax protective antigen on a large scale.

WO 2009/088255 A3



(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, 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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, 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:

11 September 2009

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2009/000134**A. CLASSIFICATION OF SUBJECT MATTER***A61K 39/00(2006.01)i, A61K 39/02(2006.01)i, A61K 39/07(2006.01)i, C07H 21/04(2006.01)i, C07K 14/32(2006.01)i, C12N 1/21(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 as above

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.
Y	US 2004/0166120 A1 (THOMAS, L. J. et al.) 26 Aug. 2004 see paragraphs [0024]-[0031] and example 1	1-14
Y	RHIE G. E. et al., "Expression and secretion of the protective antigen of Bacillus anthracis in Bacillus brevis", FEMS Immunol. Med. Microbiol., 1 Aug. 2005, Vol. 45, No. 2, pp. 331-339 see abstract and page 333	1-14
Y	WO 2006/110277 A1 (MEDAREX, INC.) 19. Oct. 2006 see examples and claims	1-14
A	US 2004/0076638 A1 (SHILOACH, J. et al.) 22 Apr. 2004 see the whole document	1-14
A	KR 10-2000-0031104 A (KOREA NATIONAL INSTITUTE OF HEALTH) 05 June 2000 see the whole document	1-14

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Date of the actual completion of the international search

22 JULY 2009 (22.07.2009)

Date of mailing of the international search report

22 JULY 2009 (22.07.2009)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seonsa-ro, Seo-
gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

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Telephone No. 82-42-481-8291



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2009/000134

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