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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
2 October 2008 (02.10.2008)

PCT

(10) International Publication Number
WO 2008/118024 A3

(51) International Patent Classification:
C01F 11/36 (2006.01) *C01F 11/38* (2006.01)

(21) International Application Number:
PCT/NO2008/000116

(22) International Filing Date: 28 March 2008 (28.03.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2007 1631 28 March 2007 (28.03.2007) NO

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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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, 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, 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*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
31 December 2008

(54) Title: METHOD FOR PURIFICATION OF CALSIUM NITRATE AND PRODUCTS MADE THEREOF

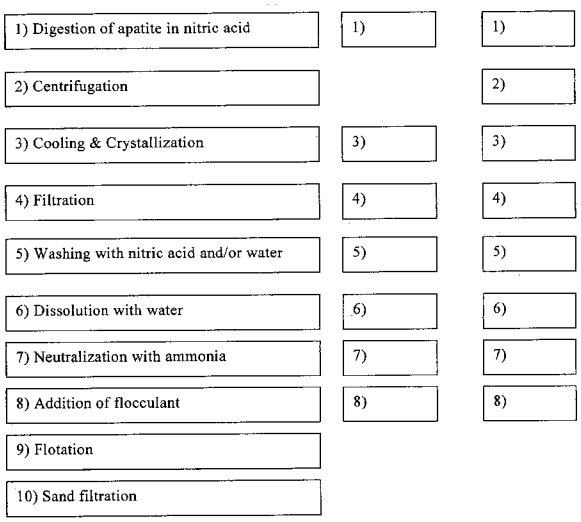


Fig. 1

(57) Abstract: The present invention relates to a method to produce purified calcium nitrate. Due to introduction of a centrifugation stage at an early stage in the process, sedimentation of water insoluble particles is prevented on a later stage of the process such that flotation can effectively be performed. Sand filtration finalizes the purification process of the present invention and thereby the amount of impurities in the liquor is surprisingly decreased. By this continuous method it is possible to achieve clearly purified calcium nitrate wherein the content of water insoluble particles is well below 150 ppm in solid calcium nitrate.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/NO2008/000116

A. CLASSIFICATION OF SUBJECT MATTER
INV. C01F11/36 C01F11/38

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)
C01F

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)
EPO-Internal, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 952 379 A (NIKOLAISEN JOHNNY [NO]) 28 August 1990 (1990-08-28) cited in the application column 4, line 32 - column 5, line 16; figure 2; example 3	1-15
X	WO 2006/031139 A (NAWROCKI ADAM [PL]; OLSZEWSKI RADOSLAW [PL]) 23 March 2006 (2006-03-23) claims	13-15
A	US 5 009 792 A (PETTERSEN JARL M [NO] ET AL) 23 April 1991 (1991-04-23) cited in the application	
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☒ See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
6 November 2008	17/11/2008

Name and mailing address of the ISA/	Authorized officer
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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