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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
20 October 2011 (20.10.2011)

PCT

(10) International Publication Number
WO 2011/130119 A8

(51) International Patent Classification:
C12N 7/02 (2006.01) *C12Q 1/70* (2006.01)

(21) International Application Number:
PCT/US2011/031747

(22) International Filing Date:
8 April 2011 (08.04.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/324,220 14 April 2010 (14.04.2010) 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:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

(48) Date of publication of this corrected version:
29 December 2011

(15) Information about Correction:
see Notice of 29 December 2011

(54) Title: METHODS OF PRODUCING HIGH TITER, HIGH PURITY VIRUS STOCKS AND METHODS OF USE THEREOF

(57) Abstract: The purity and titer of virus stocks used for virus clearance studies have a significant influence on study outcome, and impact how well the scale-down model represents the production-scale process. Impurities in virus stocks are particularly important in the testing of small virus retentive filters because these impurities may cause a filter to foul prematurely, leading to underestimation of the true throughput capability of the filter and consequent inappropriate sizing of the production scale unit. In addition, impurities can also affect the levels of virus clearance observed by altering the fouling mechanisms and subsequent fluid passage through the virus filter. Described herein are methods for making, producing and using high purity virus stocks having high titer.

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