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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
20 September 2012 (20.09.2012)

WIPO | PCT

(10) International Publication Number
WO 2012/123720 A1

(51) International Patent Classification:
A61K 31/375 (2006.01) *A61K 9/00* (2006.01)
A61K 47/10 (2006.01) *A61P 1/10* (2006.01)

(21) International Application Number:
PCT/GB2012/050526

(22) International Filing Date:
9 March 2012 (09.03.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

1104202.5	11 March 2011 (11.03.2011)	GB
1104200.9	11 March 2011 (11.03.2011)	GB
1114629.7	23 August 2011 (23.08.2011)	GB

(71) Applicant *(for all designated States except US)*: **NORGINE BV** [—/NL]; Hogehilweg 7, NL-1101 CA Amsterdam Zuid-Oost (NL).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **HALPHEN, Marc** [FR/GB]; c/o Norgine Limited, New Road, Tir-y-Berth, Hengoed Mid-Glamorgan CF82 8SJ (GB). **GRUSS, Hans-Jürgen** [DE/GB]; c/o Norgine Limited, New Road, Tir-y-Berth, Hengoed Mid-Glamorgan CF82 8SJ (GB). **COX, Ian** [GB/GB]; c/o Norgine Limited, New Road, Tir-y-Berth, Hengoed Mid-Glamorgan CF82 8SJ (GB). **COCKETT, Alasdair** [GB/GB]; c/o Norgine Limited, New Road, Tir-y-Berth, Hengoed Mid-Glamorgan CF82 8SJ (GB). **STEIN, Peter** [US/GB]; c/o Norgine Limited, New Road, Tir-y-Berth, Hengoed Mid-Glamorgan CF82 8SJ (GB). **UNGAR, Alex** [GB/GB]; Moorthwaite Cottage, Wigton, Cumberland CA7 0LZ (GB).

(74) Agents: **BRADY, Paul Andrew** et al.; 20 Red Lion Street, London WC1R 4PQ (GB).

(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, QA, RO, RS, RU, RW, 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, RW, 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))*

WO 2012/123720 A1

(54) Title: COLONOSCOPY - PREPARATION

(57) Abstract: The invention provides a colon cleansing solution comprising: a) 300 to 2000 mmol per litre ascorbate anion provided by ascorbic acid, one or more salts of ascorbic acid,or a mixture thereof; and b) 10 to 200 g per litre polyethylene glycol. The invention also provides methods and kits associated with, or making use of the solutions. The invention also provides a method of cleansing the colon of a subject comprising: -administering to the subject an effective amount of a first cleansing solution;and then after a time interval -administering to the subject an effective amount of a second cleansing solution, where in the two cleansing solutions are as described in the specification.