



(51) International Patent Classification:

C12N 15/81 (2006.01) A23L 2/60 (2006.01)
C12N 9/10 (2006.01) A23L 1/236 (2006.01)
C12N 9/02 (2006.01) C12P 15/00 (2006.01)
C12N 9/90 (2006.01)

(21) International Application Number:

PCT/EP2014/052363

(22) International Filing Date:

6 February 2014 (06.02.2014)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/761,490 6 February 2013 (06.02.2013) US
61/886,442 3 October 2013 (03.10.2013) US

(71) Applicant: EVOLVA SA [CH/CH]; Duggingerstrasse 23,
CH-4153 Reinach (CH).

(72) Inventors: MIKKELSEN, Michael Dalgaard; Bregnevej 1, DK-3500 Værløse (DK). HANSEN, Jorgen; Peter Bangs vej 122, 1th, DK-2000 Frederiksberg (DK). SIMON, Ernesto; Skovgaardsgade 19, DK-2100 Copenhagen Ø (DK). BRIANZA, Federico; Unterm Schellenberg 191, CH-4125 Riehen (CH). SEMMLER, Angelika; Ernie Wilkins Vej 7, 1. Tv, DK-2450 Copenhagen SV (DK). OLSSON, Kim; Tinghøjvej 48, 3 mf, DK-2860 Søborg (DK). CARLSEN, Simon; Heimdalsgade 15, 2. Sal, DK-2100 Copenhagen Ø (DK). DÜRING, Louis; Classensgade 23, 4th, DK-2100 Copenhagen OE (DK). OUSPENSKI, Alexei; 13 rue de Zurich, F-68100 Mulhouse

(FR). HICKS, Paula; 20161 Stonegate Drive, Bend, Oregon 97702 (US).

(74) Agent: SMAGGASGALE; Gillian Helen; WP Thompson, 55 Drury Lane, London WC2B 5SQ (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, BN, 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, IR, IS, JP, KE, KG, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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, 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, KM, ML, MR, NE, SN, TD, TG).

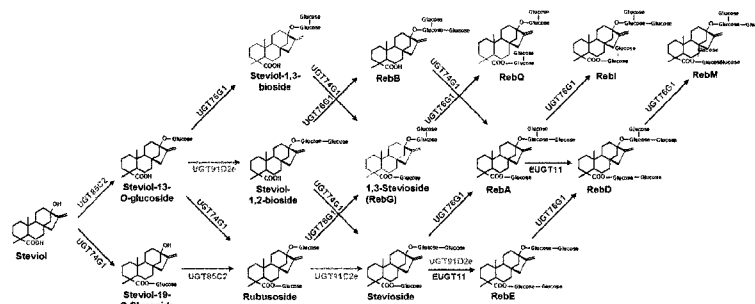
Published:

— with international search report (Art. 21(3))

[Continued on next page]

(54) Title: METHODS FOR IMPROVED PRODUCTION OF REBAUDIOSIDE D AND REBAUDIOSIDE M

FIGURE 1



(57) Abstract: Methods for recombinant production of steviol glycoside and compositions containing steviol glycosides are provided by this invention.



-
- *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))*
- *with sequence listing part of description (Rule 5.2(a))*
- (88) Date of publication of the international search report:**
20 November 2014