



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

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| <b>(21) International Application Number:</b> PCT/IL00/00099<br><b>(22) International Filing Date:</b> 17 February 2000 (17.02.00)<br><br><b>(30) Priority Data:</b><br>09/251,298      17 February 1999 (17.02.99)      US<br><br><b>(71) Applicant (for all designated States except US):</b> CARBOZYME<br>NT LTD. [IL/IL]; Migdal Halevanon Street 28, 71700<br>Modiin (IL).<br><br><b>(72) Inventors; and</b><br><b>(75) Inventors/Applicants (for US only):</b> DUKLER, Avinoam<br>[IL/IL]; Migdal Halevanon Street 28, 71700 Modiin (IL).<br>DOTAN, Nir [IL/IL]; Margalit Street 12, 73142 Shoham<br>(IL).<br><br><b>(74) Agent:</b> FRIEDMAN, Mark, M.; Beit Samueloff, Haomanim<br>Street 7, 67897 Tel Aviv (IL). |  | <b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG,<br>BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE,<br>ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,<br>KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,<br>MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU,<br>SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,<br>US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE,<br>LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM,<br>AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT,<br>BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,<br>MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM,<br>GA, GN, GW, ML, MR, NE, SN, TD, TG).<br><br><b>Published</b><br><i>With international search report.</i><br><i>Before the expiration of the time limit for amending the<br/>claims and to be republished in the event of the receipt of<br/>amendments.</i> |                                                                          |
| <b>(54) Title:</b> COMBINATORIAL COMPLEX CARBOHYDRATE LIBRARIES AND METHODS FOR THE MANUFACTURE AND<br>USES THEREOF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                          |
| <b>(57) Abstract</b><br><br>A combinatorial complex carbohydrate library is provided and including a plurality of addressable complex carbohydrate structures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                          |
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