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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number
WO 2004/084833 A3

(51) International Patent Classification[7]: A61K 35/78

(21) International Application Number:
PCT/US2004/008739

(22) International Filing Date: 22 March 2004 (22.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/456,882 21 March 2003 (21.03.2003) GB

(71) Applicant *(for all designated States except US)*: **K2A INCORPORATED** [US/US]; P.O. Box 665, 1220 North Main Street -#4, Springville, UT 84663 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **MURDOCK, Kenneth, A.** [US/US]; 6445 East Right Hand Fork, Hobblecreek Canyon, Springville, UT 84663 (US). **SCHAUSS, Alexander, G.** [US/US]; 2722 Pioneer Way Street, Tacoma, WA 98404 (US).

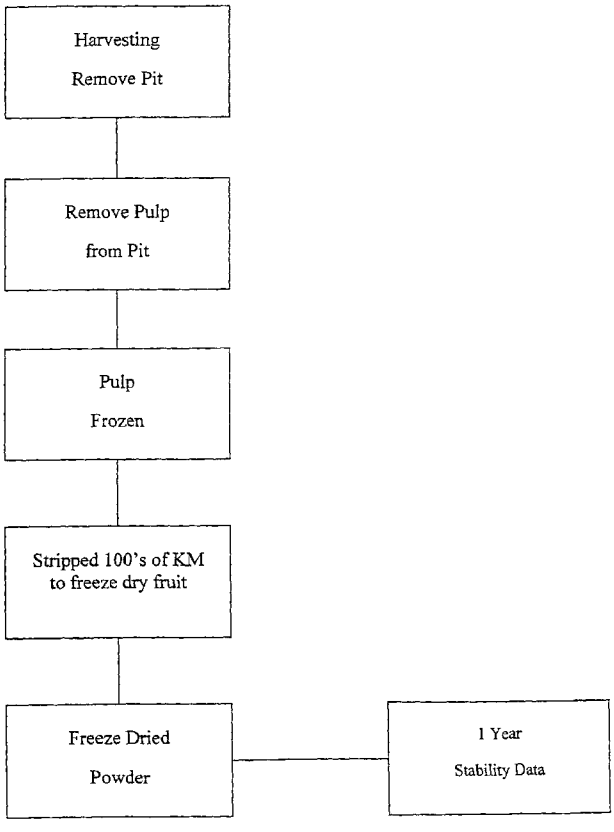
(74) Agent: **MORENCY, Michael**; Greenberg Traurig LLP, One International Place, Boston, MA 02110 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH,

[Continued on next page]

(54) Title: JUCARA AND AÇAI FRUIT-BASED DIETARY SUPPLEMENTS



(57) Abstract: The present invention relates to stable, palatable, freeze-dried, fruit-based dietary supplements. Specifically, the inventions relates to compositions of Açai fruit and Jucara fruit with high antioxidant capability and cyclooxygenase-inhibitory activity, and their uses. The invention further provides for methods of making stable, palatable, freeze-dried, fruit-based dietary supplements from Açai fruit and Jucara fruit.

WO 2004/084833 A3

GM, KE, LS, MW, MZ, 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, HU, IE, IT, LU, MC, NL, 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*

(88) Date of publication of the international search report:
20 January 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.