

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
03 May 2018 (03.05.2018)



(10) International Publication Number
WO 2018/077140 A1

(51) International Patent Classification:

A23L 27/30 (2016.01) A23L 2/04 (2006.01)
A23L 5/20 (2016.01) A61K 36/42 (2006.01)
A23L 2/74 (2006.01)

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))

(21) International Application Number:

PCT/CN2017/107363

(22) International Filing Date:

23 October 2017 (23.10.2017)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PCT/CN2016/103078

24 October 2016 (24.10.2016) CN

(71) Applicant: **GUILIN GFS MONK FRUIT CORPO-
RATION** [CN/CN]; No. 5 Liangfeng Road, Yanshan, Yan-
shan, Guilin, Guangxi 541006 (CN).

(72) Inventors: **LAN, Fusheng**; No. 5 Liangfeng Road, Yan-
shan, Yanshan, Guilin, Guangxi 541006 (CN). **LI, Jian**;
No. 5 Liangfeng Road, Yanshan, Yanshan, Guilin, Guangxi
541006 (CN). **WEI, Fengrui**; No. 5 Liangfeng Road, Yan-
shan, Yanshan, Guilin, Guangxi 541006 (CN).

(74) Agent: **BEIJING CAIHE LAW FIRM**; Room 1902,
FuHai International Port, No. 17, Daliushu Road, Haidian
District, Beijing 100081 (CN).

(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, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,
KR, KW, KZ, LA, LC, LK, LR, LS, 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, ST, 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,

(54) Title: EXTRACTS FROM FRUITS OF THE CUCURBITACEAE FAMILY, AND METHODS OF PREPARING THEREOF

(57) Abstract: The present disclosure relates to extracts and sweetening compositions that may be wholly derived from fruits of the Cucurbitaceae family containing mogroside V and other terpene glycosides. The extracts have a low mogroside V content. The extracts also have a low monosaccharide content, and can be spray-dried to form a spray-dried product. The extracts may be suitable for use as a bulking agent, and can be combined with a terpene glycoside powder. The extracts and sweetening compositions can be used in a food, beverage, and dietary supplement products. Provided are also methods for preparing such extracts and sweetening compositions.

WO 2018/077140 A1