



(43) International Publication Date
3 March 2016 (03.03.2016)

(10) International Publication Number
WO 2016/033241 A1

- (51) **International Patent Classification:**
A23L 1/22 (2006.01)
- (21) **International Application Number:**
PCT/US2015/047036
- (22) **International Filing Date:**
26 August 2015 (26.08.2015)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
62/042,071 26 August 2014 (26.08.2014) US
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- (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, 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, 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))*
- *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))*

(54) **Title:** METHODS FOR THE PRODUCTION AND USE OF MYCELIAL LIQUID TISSUE CULTURE

(57) **Abstract:** The present invention includes a method for enhancing the taste of a food product, which includes the steps of cultur-
ing a submerged mycelial liquid tissue culture in a media, collecting the supernatant fluid of the submerged mycelial liquid tissue
culture, and adding the collected supernatant fluid to a food product in an amount sufficient to enhance the food product's taste. In
one embodiment, the mycelial liquid tissue culture comprises *C. sinensis*, and the culture step is carried out for between about one
and sixty days. The food products include stevia plant parts, steviol glycoside, aspartame, acesulfame-K, sucralose, carbohydrates,
monk fruit, cacao, cacao liquor, tea, ginseng, pea protein, sugar alcohol, coffee, cranberry, grapefruit, pomegranate, coconut, wine,
beer, liquor and spirits. The present invention also includes products made by the disclosed methods.



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