

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
27 February 2020 (27.02.2020)



(10) International Publication Number
WO 2020/037368 A1

(51) International Patent Classification:

A23P 30/25 (2016.01) A23L 29/231 (2016.01)
A23J 3/26 (2006.01) A23L 29/256 (2016.01)
A23J 3/14 (2006.01) A23L 5/00 (2016.01)
A23L 29/212 (2016.01)

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))
- with amended claims (Art. 19(1))

(21) International Application Number:

PCT/AU2019/050883

(22) International Filing Date:

21 August 2019 (21.08.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2018903077 21 August 2018 (21.08.2018) AU

(71) Applicant: **V2 FOOD PTY LTD** [AU/AU]; Level 10, 171
Clarence Street, Sydney, New South Wales 2000 (AU).

(72) Inventors: **HAZELL, Nicholas John Gerald**; C/- V2
Food Pty Ltd, Level 10, 171 Clarence Street, Sydney,
New South Wales 2000 (AU). **YING, Danyang**; C/- Com-
monwealth Scientific and Industrial Research Organisation,
671 Sneydes Road, Werribee, Victoria 3030 (AU). **AU-
GUSTIN, MaryAnn**; C/- Commonwealth Scientific and
Industrial Research Organisation, 671 Sneydes Road, Wer-
ribee, Victoria 3030 (AU). **SANGUANSRI, Peerasak**; C/-
Commonwealth Scientific and Industrial Research Organi-
sation, 671 Sneydes Road, Werribee, Victoria 3030 (AU).

(74) Agent: **DAVIES COLLISON CAVE**; 1 Nicholson Street,
Melbourne, Victoria 3000 (AU).

(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: **FOOD INGREDIENTS**

(57) Abstract: The present disclosure generally relates to protein-carbohydrate composites for use as food ingredients, to processes for the preparation of said composites, to their use in the preparation of food products, and food products comprising said composites. In some embodiments the disclosure relates to the use of protein-carbohydrate composites and processes for their production for use in the preparation of meat mimetic food products.



WO 2020/037368 A1