



(51) International Patent Classification:

A23G 9/04 (2006.01) F25D 3/08 (2006.01)
A47G 23/04 (2006.01) F25D 9/00 (2006.01)
A23G 9/32 (2006.01) F25D 23/06 (2006.01)
B65D 85/78 (2006.01) A23G 9/00 (2006.01)
A23L 3/36 (2006.01) B65D 6/00 (2006.01)
F16L 15/02 (2006.01)

(21) International Application Number:

PCT/AU2013/000163

(22) International Filing Date:

22 February 2013 (22.02.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PCT/AU2012/000169

22 February 2012 (22.02.2012)	AU
2012902359 6 June 2012 (06.06.2012)	AU
2012904927 12 November 2012 (12.11.2012)	AU
2012905691 21 December 2012 (21.12.2012)	AU
2013900264 29 January 2013 (29.01.2013)	AU
2013900429 7 February 2013 (07.02.2013)	AU

(74) Agent: FISHER ADAMS KELLY; Level 29, 12 Creek Street, Brisbane, Queensland 4001 (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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, 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, 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, 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, ML, MR, NE, SN, TD, TG).

(72) Inventor; and

(71) Applicant : BUCCERI, Alfio [AU/AU]; PO Box 40, Hamilton, Queensland 4007 (AU).

Published:

— with international search report (Art. 21(3))

(54) Title: METHOD OF, AND APPARATUS FOR, MAKING FROZEN BEVERAGES, ICE CREAM AND OTHER FROZEN CONFECTIONS

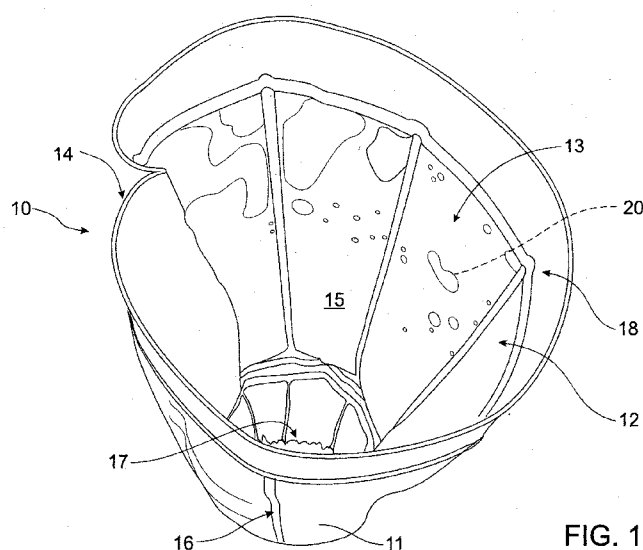


FIG. 1

(57) Abstract: A frozen beverage device to convert a liquid beverage into a semi-frozen or frozen form has inner and outer walls forming at least one refrigerant cavity containing a refrigerant material with a freezing point below the freezing point of the liquid, the refrigerant material occupying at least 60% of the volume of the refrigerant cavity. The walls of the device can be squeezed to accelerate the heat transfer from the liquid to the refrigerant material; and the device may be placed in a squeezing apparatus. Where the device is to be disposable, the device can be placed in a flexible sheath or outer container before being squeezed to protect the device and/or insulate the user from the refrigerant material. A freezing spoon or stirrer can be used to assist, or accelerate, the freezing process.