

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
10 September 2021 (10.09.2021)



(10) International Publication Number
WO 2021/178956 A1

(51) International Patent Classification:

A47J 31/60 (2006.01) A47J 43/044 (2006.01)
A47J 31/40 (2006.01)

(21) International Application Number:

PCT/US2021/021355

(22) International Filing Date:

08 March 2021 (08.03.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/986,432 06 March 2020 (06.03.2020) US

(71) Applicant: **SMOODI, INC.** [US/US]; 125 Western Ave.,
Boston, MA 02134 (US).

(72) Inventors: **ABRAHAM, Morgan**; 221 N. Harvard Street,
Boston, MA 02134 (US). **KRIESCHE, Pascal**; 160 Com-
monwelth Ave., Boston, MA 02134 (US).

(74) Agent: **DAMMAN, Kirk, A.** et al.; Lewis Rice LLC, 600
Washington Ave, Ste. 2500. Box IP Dept, St. Louis, MO
63101 (US).

(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, IT, 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, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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: SELF-CLEANING AUTOMATED BLENDED DRINK MACHINE

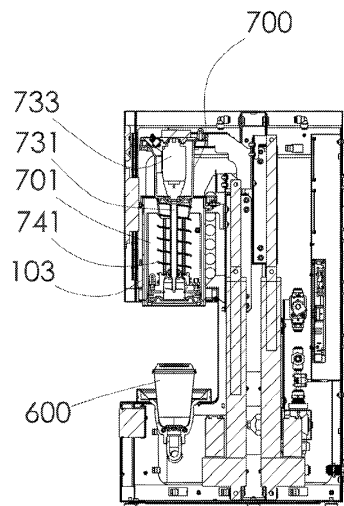


FIG. 2A

(57) Abstract: A stand-alone automated machine for the automatic blending of drinks. The machine will generally puree materials including fresh or frozen fruits and vegetables provided in large particulate sections or chunks within a cup which is available from a neighboring refrigerator or freezer unit. The blending machine can handle all aspects of drink blending as well as automatic cleaning, sanitization, and/or sterilization cycles.

[Continued on next page]

WO 2021/178956 A1

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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))*