

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
21 March 2024 (21.03.2024)



(10) International Publication Number
WO 2024/056537 A1

(51) International Patent Classification:
A47J 31/36 (2006.01) *B65D 65/46* (2006.01)
B65D 85/804 (2006.01)

25160 Labergement Sainte Marie (FR). **DOGAN, Nihan**;
460, Route des Monts-de-Lavaux, 1090 LA CROIX-s/
LUTRY (CH). **TRULLARD, Aurélien**; 4 rue de la combe
au roi, 25370 Jougue (FR).

(21) International Application Number:
PCT/EP2023/074716

(74) Agent: **DUCREUX, Marie**; Avenue Nestlé 55, 1800 Vevey
(CH).

(22) International Filing Date:
08 September 2023 (08.09.2023)

(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, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,
KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,
MA, MD, MG, MK, MN, MU, 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,

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
22195046.2 12 September 2022 (12.09.2022) EP

(71) Applicant: **SOCIÉTÉ DES PRODUITS NESTLÉ S.A.**
[CH/CH]; Avenue Nestlé 55, 1800 Vevey (CH).

(72) Inventors: **ABRAHAM, Sophie**; 7, routes des gits, 25160
Remoray (FR). **BAUDOZ, Matthieu**; 3 impasse Cotti,

(54) Title: BEVERAGE EXTRACTION SYSTEM

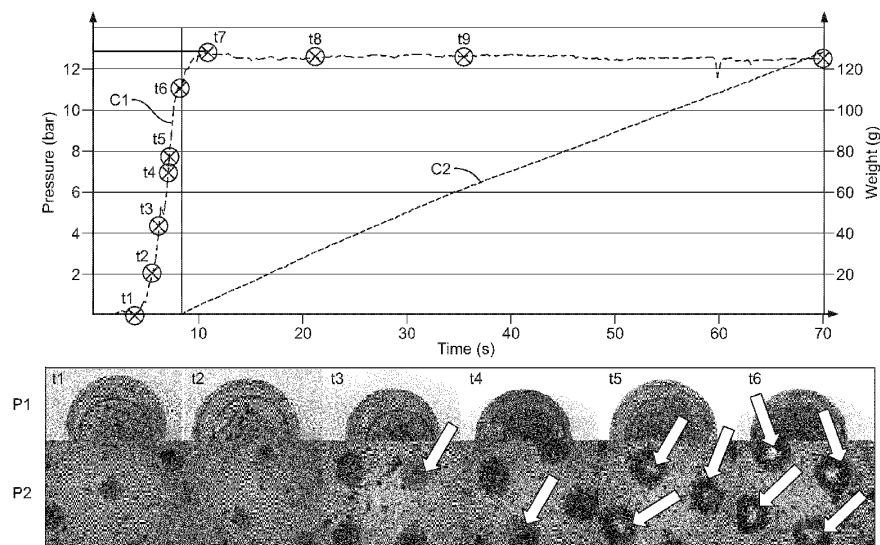


FIG. 7

(57) Abstract: The invention concerns a system comprising an extraction device of a beverage preparation machine and a pod, wherein - the pod comprises a pod body and a top lid, and - the extraction device comprises : - upstream and downstream pod enclosing parts relatively translatable between an open position for inserting and/or ejecting the pod and a closed position for forming an extraction chamber enclosing the pod during extraction, the downstream part comprising a downstream plane piercing arrangement for opening the lid of the pod, and wherein the body and the lid of the pod are made of a multilayer paper material comprising a layer of paper coated with at least a layer of plastic, and wherein the downstream piercing arrangement and the multilayer material of the second enclosing wall (32) of the pod are designed to enable a progressive piercing of the top lid.

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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, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, 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).

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))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*