



(51) International Patent Classification:
A47J 31/36 (2006.01)

(21) International Application Number:
PCT/EP2010/070269

(22) International Filing Date:
20 December 2010 (20.12.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09180071.4 21 December 2009 (21.12.2009) EP

(71) Applicant (for all designated States except US):
NESTEC S.A. [CH/CH]; Av. Nestlé 55, CH-1800 Vevey (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): OZANNE, Matthieu [FR/FR]; 222 route de Thonon, F-74500 Champagnes (FR). VUAGNIAUX, Didier [CH/CH]; Rue des Gouilles 8, CH-1188 Gimel (CH).

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

(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, 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, PE, PG, PH, PL, PT, RO, RS, RU, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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).

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))
- of inventorship (Rule 4.17(iv))

Published:

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

(54) Title: IDENTIFICATION OF BEVERAGE INGREDIENT CONTAINING CAPSULES

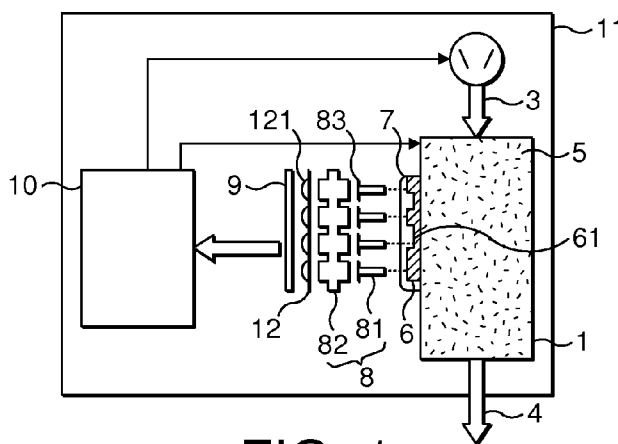


FIG. 1

(57) Abstract: The invention concerns a beverage production system comprising beverage ingredient containing capsules (1) comprising an identification member (6) and a beverage production machine for receiving said capsules, said machine comprising contact means (8) for physically contacting the capsule identification member (6) in order to read information thereof and control means connected to the contact means and designed to control the operation of the beverage production machine (11) in response to the read information, the contact means (8) comprising : - at least one displaceable probe (81) which mechanically contacts the capsule identification member (6), - a resilient support member (82) in contact with the probe on one side and associated to a circuitry (9) on its other side, wherein the part of the resilient support member in contact with the probe presents such a shape that it is able to deform itself when the probe applies a force on it, the deformation being partially transversal to the direction applied by the force.

