

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
30 December 2021 (30.12.2021)



(10) International Publication Number
WO 2021/259614 A1

(51) International Patent Classification:
A47J 31/42 (2006.01) A23N 12/08 (2006.01)
A47J 42/52 (2006.01)

(21) International Application Number:
PCT/EP2021/065032

(22) International Filing Date:
04 June 2021 (04.06.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20181830.9 24 June 2020 (24.06.2020) EP

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(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,

(54) Title: ROASTING AND PROCESSING APPARATUS FOR COFFEE BEANS

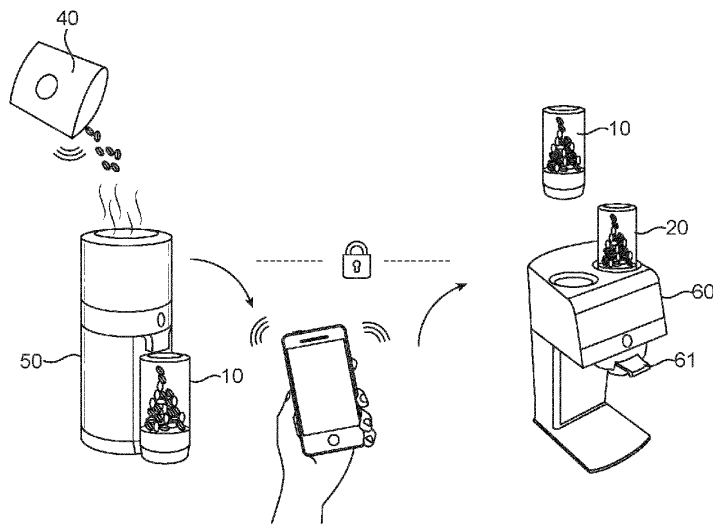


FIG. 5

(57) Abstract: The invention relates to a roasting and processing apparatus for coffee beans comprising a roasting device (50) and an associated coffee processing device (60, 70); the roasting device (50) being configured for receiving coffee beans of a certain type that will be roasted, the roasting device comprising reading means (53) to identify the characteristics of the coffee beans dispensed to it, the roasting device (50) further comprising a control unit configuring the roasting profile of the beans according to the characteristics retrieved from the reading means (53) and/or from the characteristics of the beans in a database (51) in this control unit and/or according to the user input; the roasted coffee beans being transferred into a coffee processing device (60, 70) for beverage preparation, the roasting device (50) comprising a data transfer function to communicate product parameters of the roasted coffee beans of a certain type to the coffee processing device (60, 70); the coffee processing device (60, 70) receiving roasted coffee beans of one or more types from the

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

Published:

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

roasting device (50); the coffee processing device comprising a data reader (62, 72) to obtain the information of the product parameters of the roasted coffee beans; the coffee processing device (60, 70) further comprising a control unit configured to adapt the processing parameters used for the beverage preparation as a function of the product parameters of the roasted coffee beans. Furthermore, the invention relates to a method for roasting and processing coffee beans using a roasting and processing apparatus as the one described. Also, the invention relates to the use of a roasting and processing apparatus as the one described for delivering a coffee beverage of a certain type and/or a certain quantity of grinded coffee.