

(51) International Patent Classification:
G05D 23/19 (2006.01) G05B 13/04 (2006.01)
A23N 12/08 (2006.01)

(21) International Application Number:
PCT/EP2021/061004

(22) International Filing Date:
27 April 2021 (27.04.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20171659.4 27 April 2020 (27.04.2020) EP

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

(72) Inventors: DUBIEF, Flavien, Florent; Chemin de la
Vidérde 4A, 1424 CHAMPAGNE (CH). BIGLER, Nico-
las; Chemin de l'Orme 1a, 1054 Morrens (CH).

(74) Agent: DUCREUX, Marie; Société des Produits Nestlé
S.A. Avenue Nestlé 55, 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, 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,

(54) Title: METHOD OF ROASTING

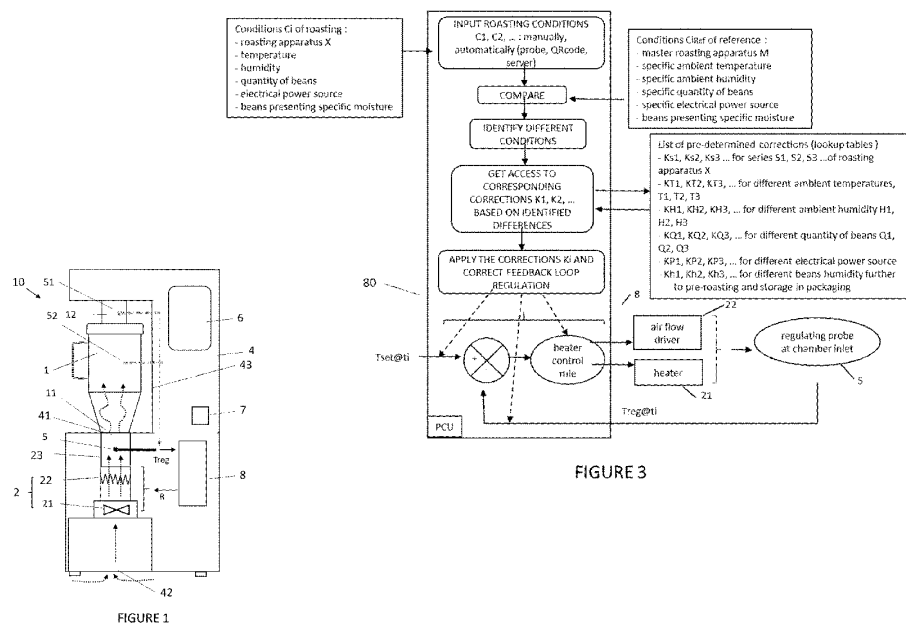


FIGURE 3

(57) Abstract: The invention concerns a method of roasting coffee beans with a roasting apparatus (X), said roasting apparatus comprising a control system (80) configured to control the heating device (2) and to reproduce roasting recipes, said control implementing a feedback loop regulation based on the temperature Treg measured by the at least one temperature probe (5), wherein, before roasting coffee beans by reproducing coffee beans roasting recipes defined with one specific master roasting apparatus (M), the feedback loop regulation is adjusted, said operation of adjustment comprising the step applying pre-determined correction KC to the feedback loop regulation.

[Continued on next page]

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))*