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Declarations under Rule 4.17:

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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
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(54) Title: PROCESS OF CALIBRATION OF A ROASTING APPARATUS

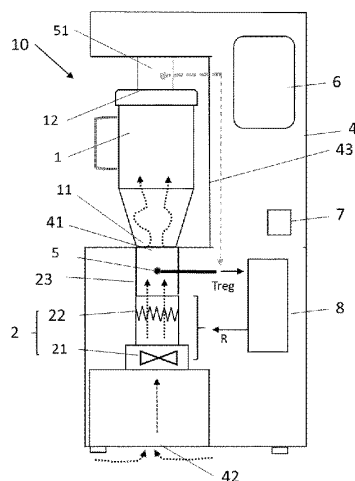


FIGURE 1

(57) Abstract: The invention concerns process of calibration of a coffee beans roasting apparatus in order to reproduce coffee beans roasting recipes defined with one specific master roasting apparatus, said calibration process comprising the steps of : a - introducing at least one second temporary temperature probe inside the chamber of the roasting apparatus, b - controlling the heating device to reproduce a preset curve R said control being based on the temperature Treg regulated by the at least one first temperature probe, c - during the reproduction of the preset curve Rset, measuring the temperature Tcal in function of time inside the chamber, d - comparing the temperature Tcal@ti with the temperature Tref@ti of a pre-determined calibration curve Rref obtained with the master roasting apparatus (M), said calibration curve Rref representing the temperature Tref measured in the chamber of the specific master apparatus (M) while controlling the heating device of the master apparatus to reproduce said preset curve Rset, e - based on this comparison, calibrating the roasting apparatus by applying a correction, to the temperature Treg regulated by the first temperature probe inside the control system of the roasting apparatus.

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