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(54) Title: SYSTEM FOR CALIBRATION OF ROASTING APPARATUSES

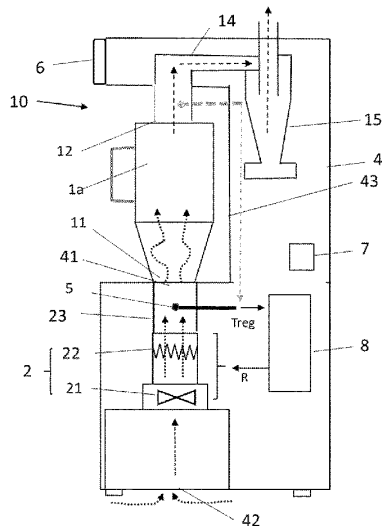


FIGURE 1

(57) Abstract: The invention concerns a coffee beans roasting system comprising : - a coffee beans roasting apparatus (10), said apparatus comprising :. a chamber (1), a heating device (2), at least one first temperature probe (5) to regulate the temperature of air supplied by the heating device, said first temperature probe being positioned outside the chamber, a control system (80) configured to control the heating device and configured to reproduce roasting curves each of said roasting curves providing a set of points (T@ti; ti) based on the temperature Treg regulated by the at least one first temperature probe, and - at least one second temperature probe (3) configured to be introduced temporary inside the roasting apparatus to measure the temperature inside the roasting chamber, and - means configured to create a pressure loss of the flow of hot air while the chamber is void of coffee beans in order to simulate the presence of coffee beans inside the chamber during a roasting operation.

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