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(54) Title: METHOD TO ROAST COFFEE BEANS

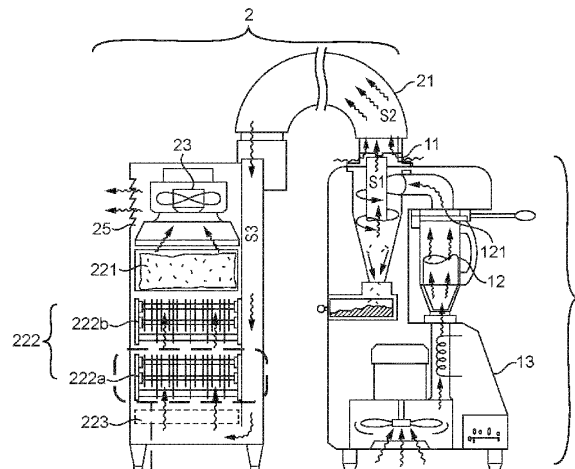


FIG. 1

(57) Abstract: The invention concerns a method method to roast coffee beans in a roasting system (10), said system comprising : - a roasting apparatus (2), and - a smoke treating unit (3) configured to treat the smoke produced by the roasting apparatus, said smoke treating unit comprising at least an electrostatic precipitator (222), wherein, during each roasting operation implemented in the roasting apparatus, the method comprises the steps of : - monitoring the voltage at the ionization wires and/or to the voltage at the electrodes along the time of the roasting operation, - comparing the monitored voltage to a pre-determined upper voltage threshold V1 and to one pre-determined lower voltage threshold V2, and - if, during a period of time Δt of the roasting operation, the monitored voltage is inferior to said pre-determined upper voltage threshold V1 while being superior to said pre-determined lower voltage threshold V2, then displaying a cleaning status requirement.

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