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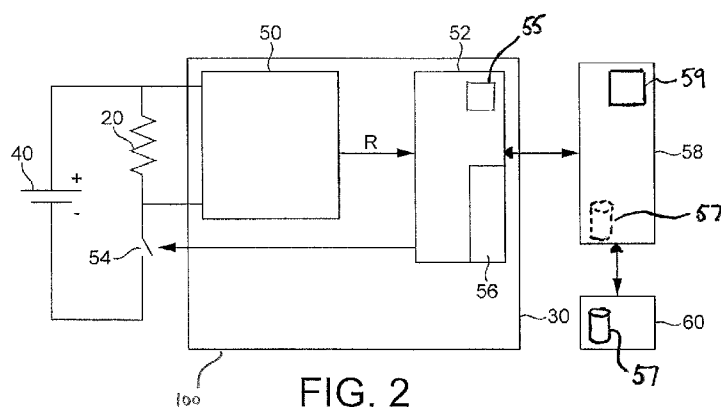
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(54) Title: AEROSOL GENERATING SYSTEM WITH CONSUMPTION MONITORING AND FEEDBACK



(57) Abstract: There is provided an aerosol-generating system configured for oral or nasal delivery of a generated aerosol to a user, the system comprising: a heater element configured to heat an aerosol-forming substrate to generate an aerosol; a power source connected to the heater element; a controller connected to the heater element and to the power source, wherein the controller is configured to control operation of the heater element, the controller including or being connected to a means to detect a change in air flow past the heater element; first data storage means connected to the controller for recording detected changes in airflow past the heater element and data relating to the operation of the heater element; second data storage means comprising a database relating changes in airflow and data relating to the operation of the heater element to the properties of the aerosol delivered to the user; and an indication means, such as a display, coupled to the second data storage means for indicating to the user a property of the aerosol delivered to the user. The property or properties of the aerosol delivered to the user may comprise amounts of particular chemical compounds.