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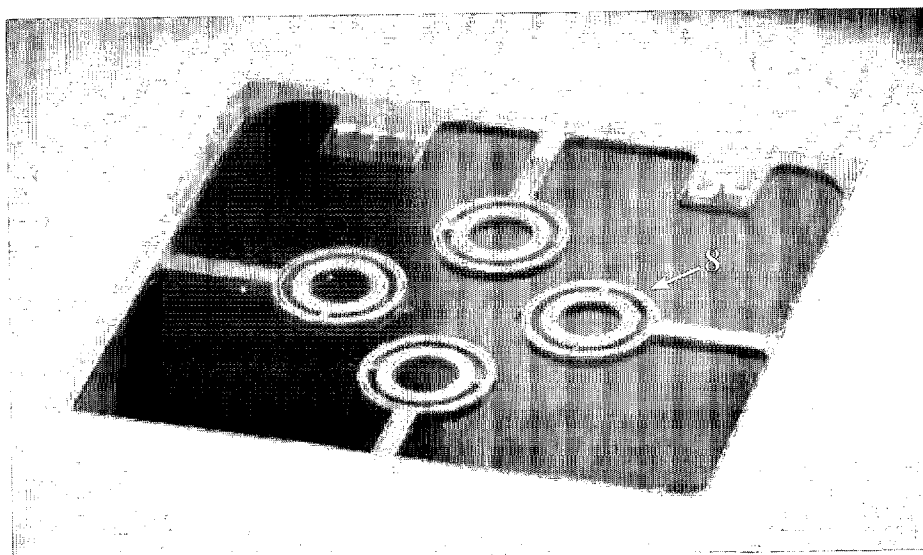
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(54) Title: APPARATUS FOR REGULATING THE TEMPERATURE OF A BIOLOGICAL AND/OR CHEMICAL SAMPLE AND METHOD OF USING THE SAME



(57) Abstract: The invention provides an apparatus for regulating the temperature of a chemical and/or biological sample and a method of using the same. The apparatus includes at least one temperature control module. The temperature control module includes a heater, a conductor of caloric, and a temperature sensor. The heater of the temperature control module is adapted to thermally communicate with a removable substrate, on which said chemical and/or biological sample is placed, via the conductor of caloric. The temperature sensor of the temperature control module is adapted to detect and control the temperature of the substrate via the conductor of caloric. The apparatus is designed such that the substrate is situated above said temperature control module to entirely cover said temperature control module.

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