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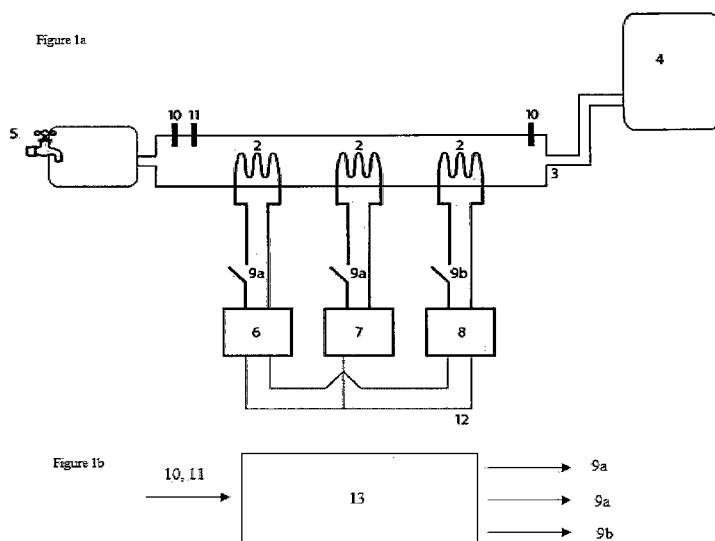
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(54) Title: FLUID TEMPERATURE MODIFICATION APPARATUS



(57) Abstract: In one aspect the invention provides a fluid temperature modification apparatus which includes at least one temperature modification element associated with a fluid conduit. This temperature modification element or elements are located adjacent to an outlet of the fluid conduit. The apparatus also includes at least one energy storage capacitor, and at least one trigger switch which when operated connects one or more energy storage capacitors to a temperature modification element. The operation of a trigger switch at least partially discharges at least one energy storage capacitor to energise a temperature modification element which modifies the temperature of fluid in the conduit adjacent to the outlet port of the conduit.