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(54) Title: A SYSTEM AND METHOD FOR DETECTING ONE OR MORE ANALYTES IN A FLUID

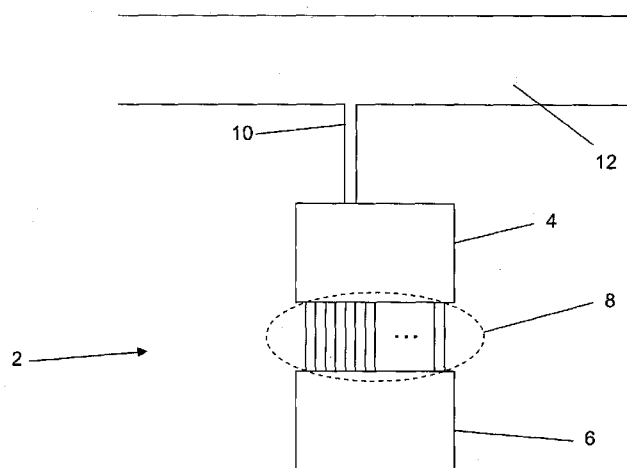


FIGURE 1

(57) Abstract: Various embodiments provide a system for detecting one or more analytes in a fluid. The system comprises: a controller adapted to obtain one or more sample streams of the fluid. The controller is configured in use to form a plurality of output streams. Each output stream comprises at least part of one of the one or more sample streams. The system further comprises: a detector adapted to receive from the controller the plurality of output streams and comprising a plurality of sensors. Each sensor is operable to detect an interaction between a corresponding detecting agent and a corresponding analyte. The detector is configured in use to detect one or more said interactions using the plurality of output streams to determine if the fluid contains one or more said analytes. A corresponding method is also provided.



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