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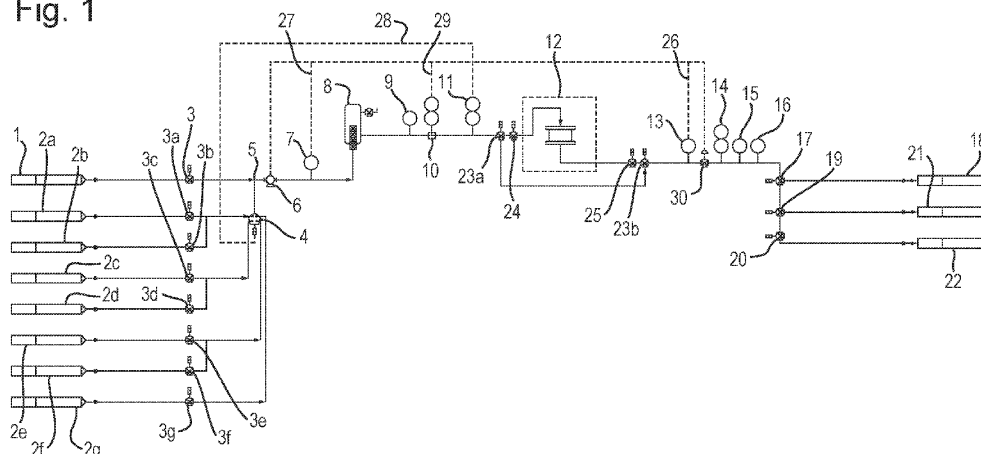
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(54) Title: APPARATUS FOR PROCESSING A LIQUID COMPRISING A TARGET SUBSTANCE

Fig. 1



(57) Abstract: Apparatus for processing a liquid comprising a target substance, preferably a biomolecule, is provided. The apparatus comprises at least a first and a second means for carrying out a unit operation, each means for carrying out a unit operation comprising a feed for a liquid in fluid connection with the inlet of a flow-controller comprising a variable flow inlet valve and an outlet, wherein at least one of the means for carrying out a unit operation comprises feeds for at least two liquids, the feeds being in fluid connection with the inlets of a multiple inlet flow-controller comprising two or more variable flow inlet valves for dosing the at least two liquids, the flow-controller also comprising an outlet; a feed for a liquid feedstock comprising the target substance in fluid connection with the outlet from the flow-controller thereby to enable combination of the feed for a liquid comprising the target substance with the mixed bioprocessing liquids to produce a device feed; a device for achieving a processing operation comprising a device inlet and a device outlet, the device inlet being in fluid connection with the device feed; and a means for imparting flow through the flow controller and from the feed for the liquid feedstock through the processing device via the device inlet; and wherein the feed for a liquid feedstock comprising the target substance for the second means for carrying out a unit operation comprises the outlet from the first means for carrying out a unit operation.

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