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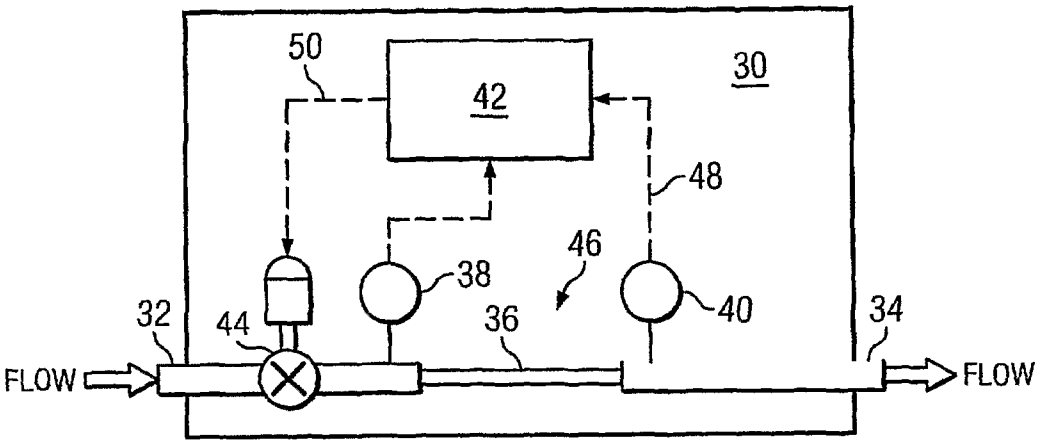
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(54) Title: SYSTEM AND METHOD FOR FLOW MONITORING AND CONTROL



(57) Abstract: A control device (30) include an inlet (32) for receiving a flow, an outlet (34) for directing a flow to other components of a flow system, pressure loss element (36) a pressure sensor (38) upstream pressure loss element (36) configured to measure an upstream of pressure, pressure sensor (40) downstream of pressure loss element (36) configured to measure a downstream pressure, a controller (42), which can include processor, memory and software instructions for determining a fluid flow rate for generating a valve coontrol signal, and a valve (44) butterfly valve, a pneumatically driven valve responsive to the valve control signal to regulate fluid flow.

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