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(54) Title: METHOD AND APPARATUS FOR PULSE GAS DELIVERY

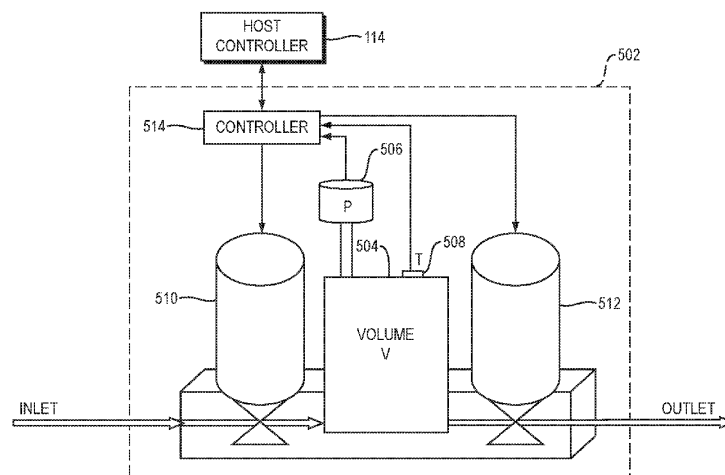


FIG. 5

(57) Abstract: In a pulse gas delivery system, a chamber is pre-charged to a prescribed pressure through an upstream valve. Thereafter, a downstream control valve is opened to control flow of the gas during a gas pulse. A dedicated controller may control the downstream control valve in a feedback loop during the pulse based on pressure and temperature detected during the pulse.

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