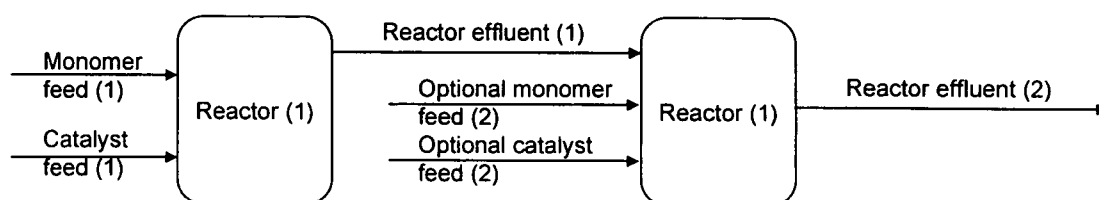


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Production of polymer blends in two-stage series reactor configuration
(Prior Art)

**FIG. 1**

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In-line polymer blending process with single separation vessel

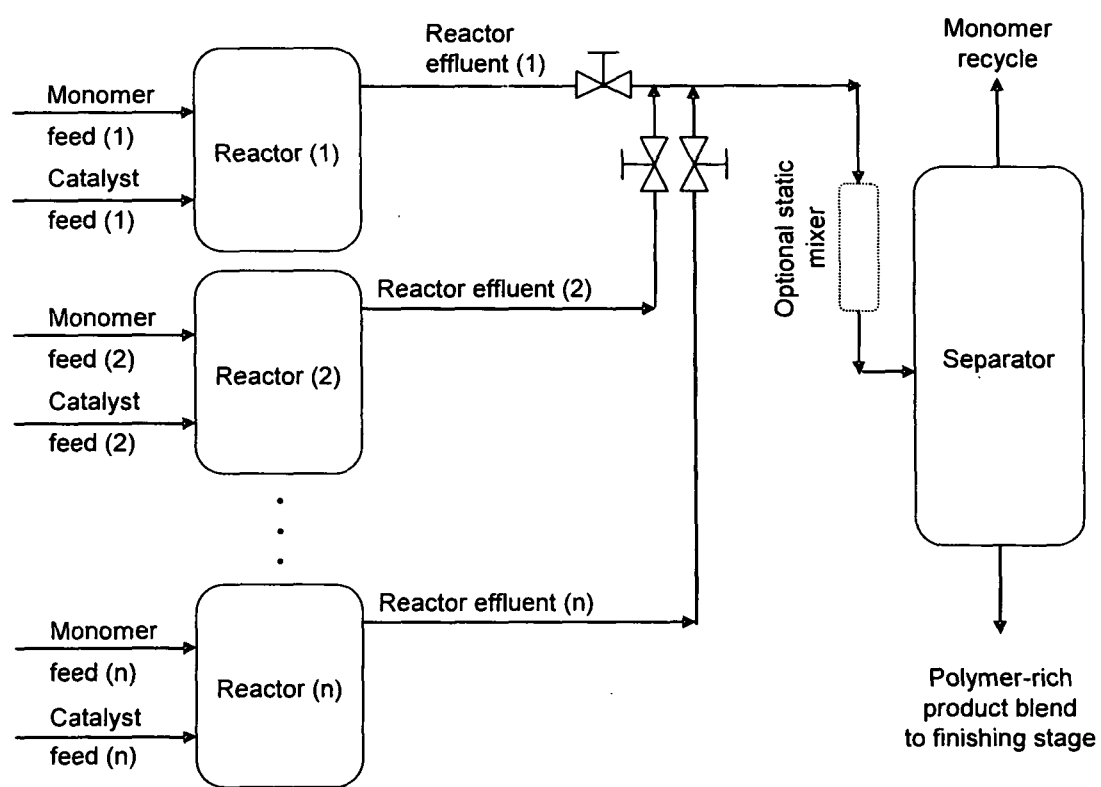
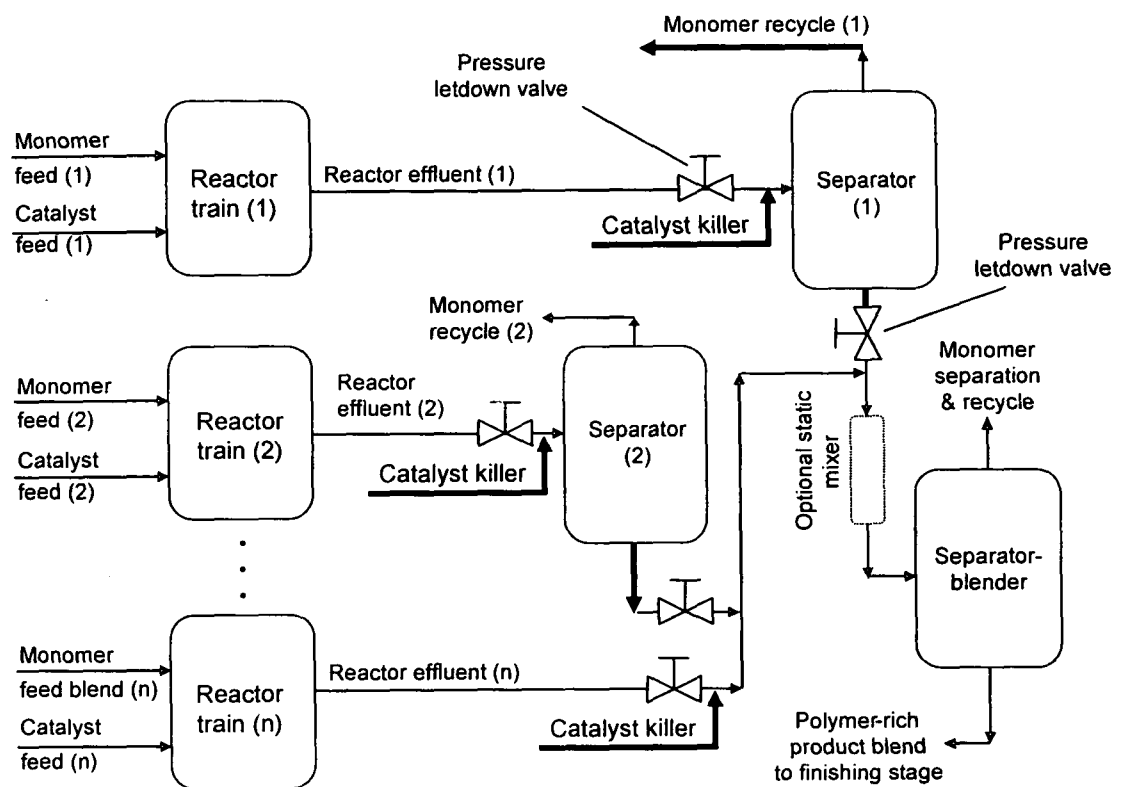


FIG. 2

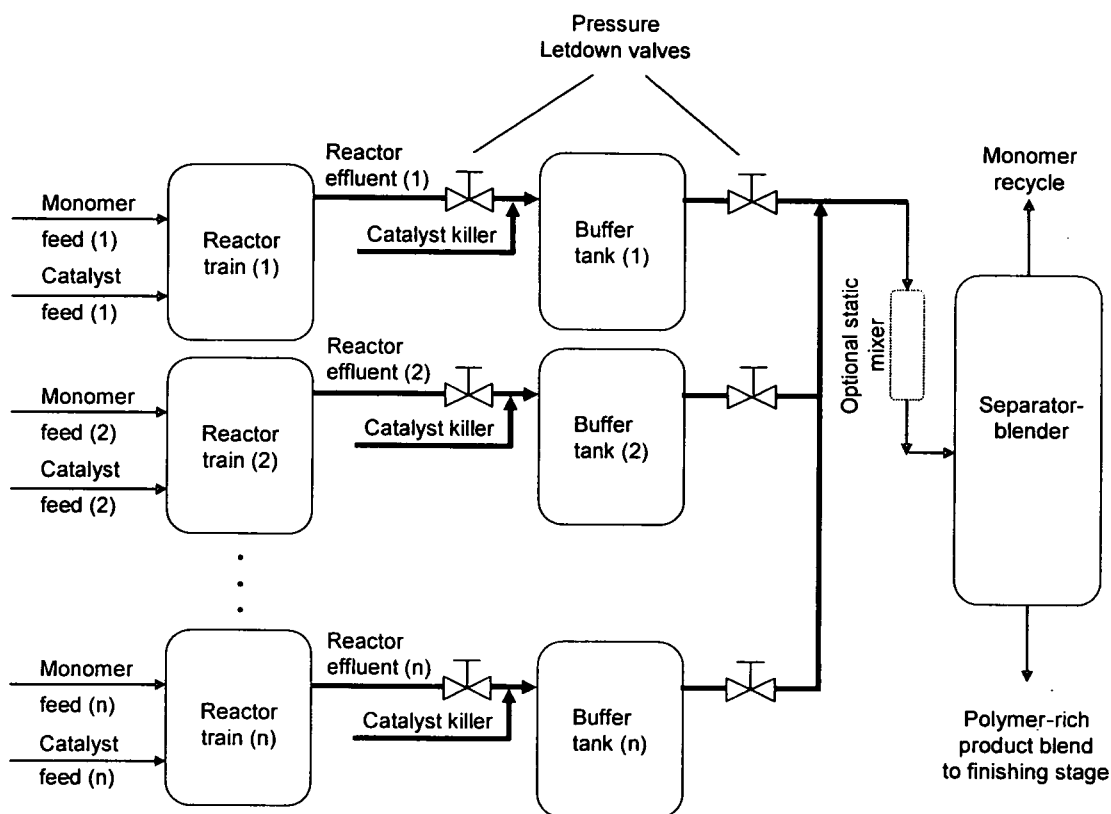
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In-line polymer blending process schematic with multiple separation vessels

**FIG. 3**

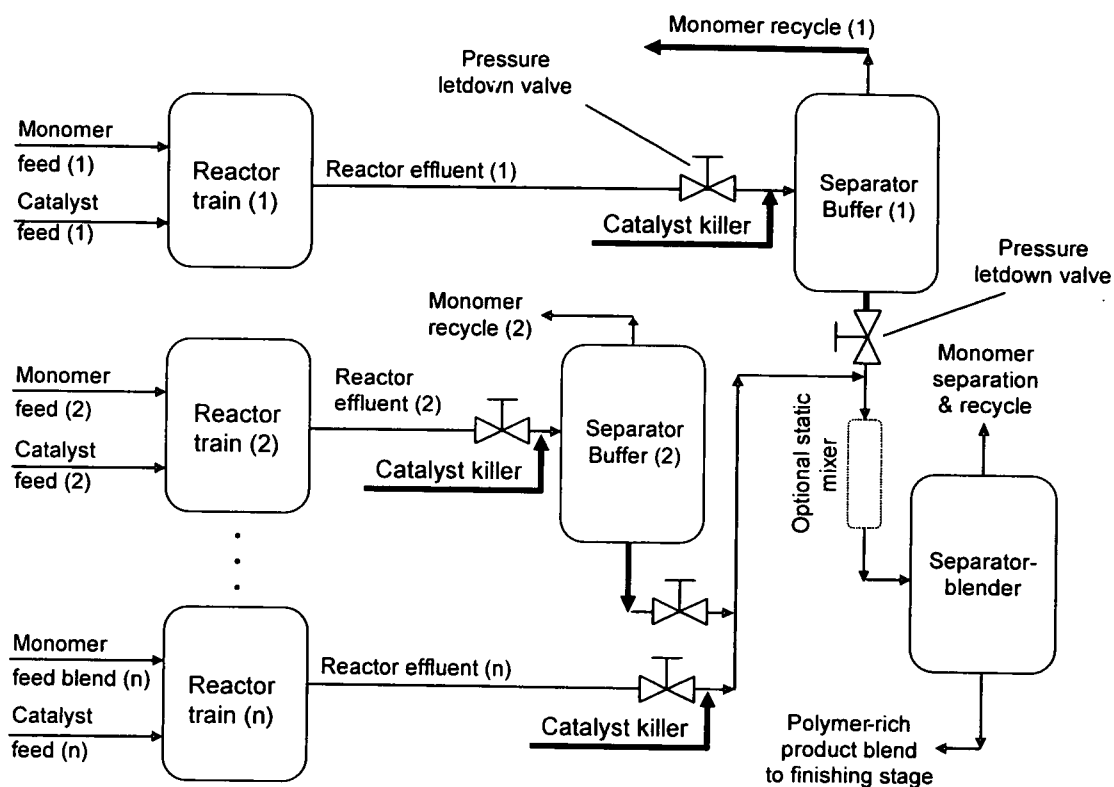
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In-line polymer blending with product effluent buffer tanks for improved blend ratio control and a single separation vessel

**FIG. 4**

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In-line polymer blending with product effluent buffer tanks that also serve as monomer/product separators for improved blend ratio control

**FIG. 5**

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In-line polymer blending with one slurry reactor train

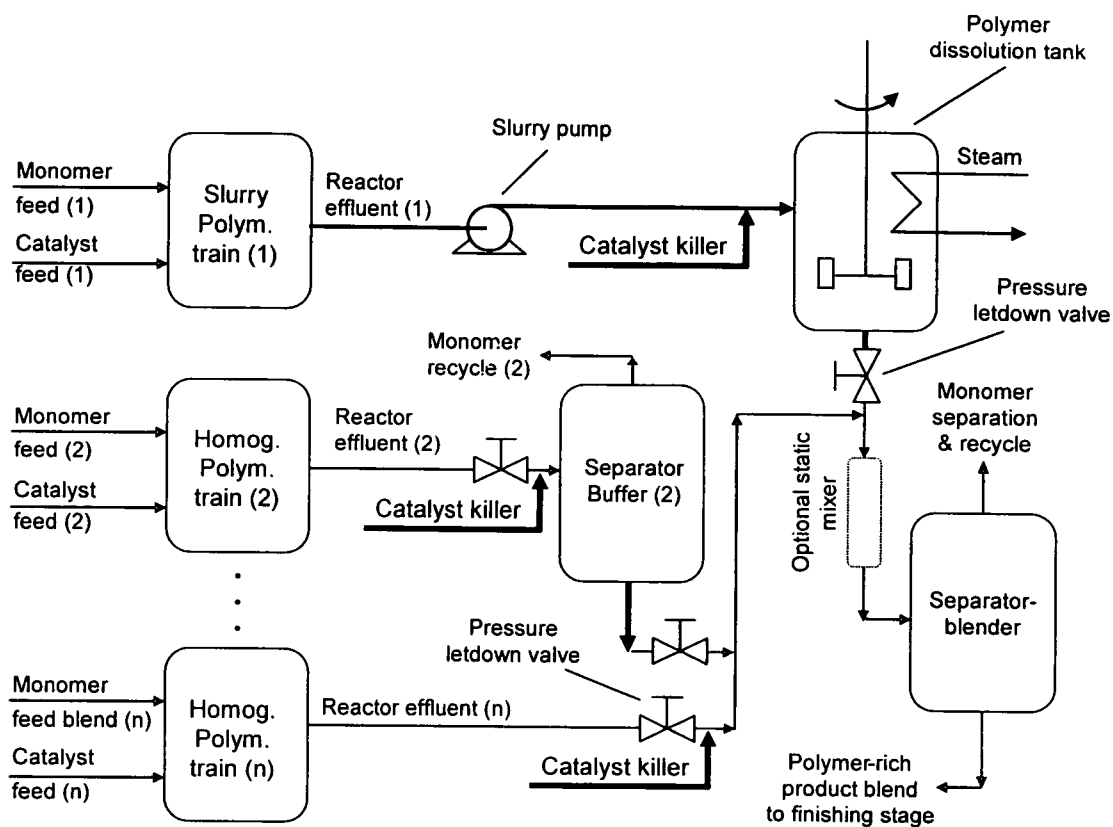
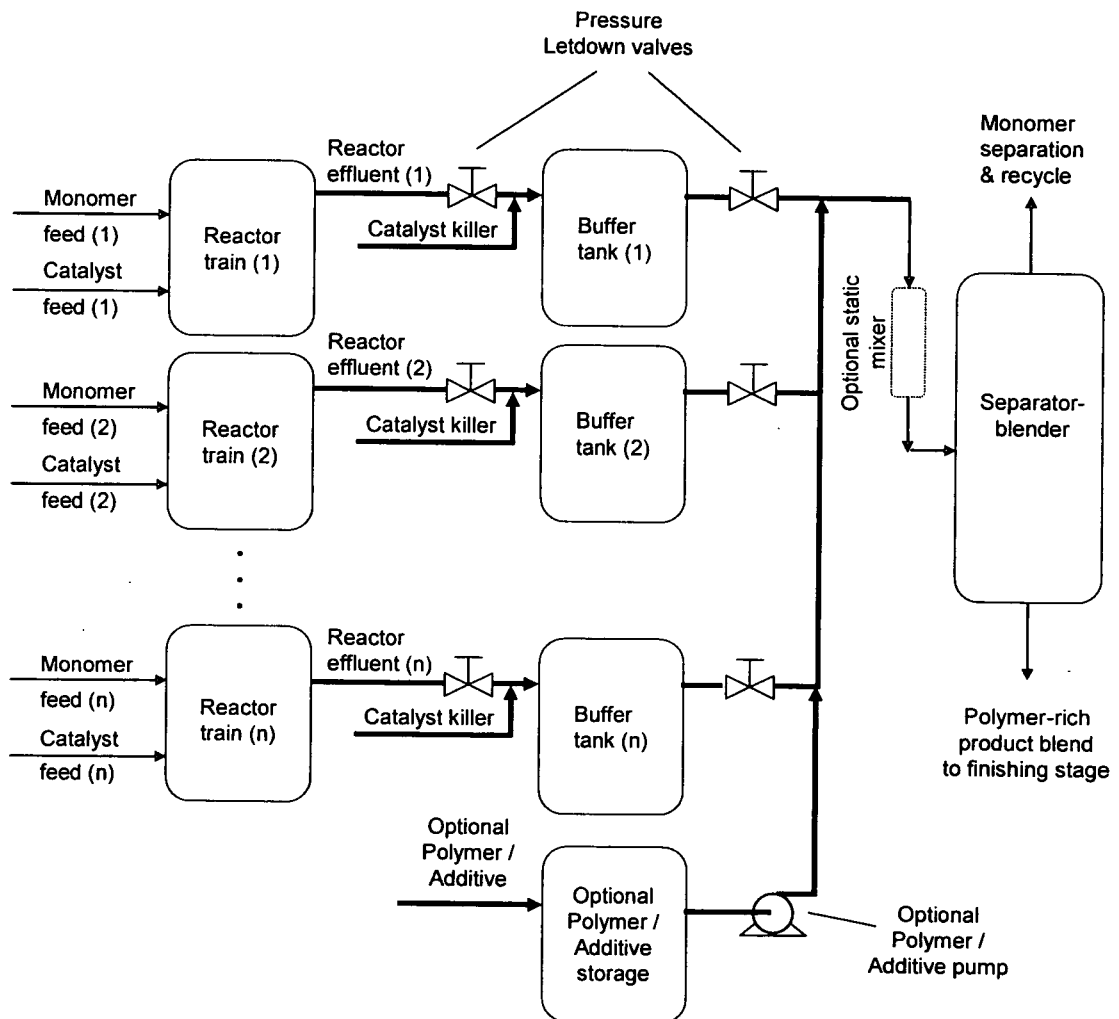


FIG. 6

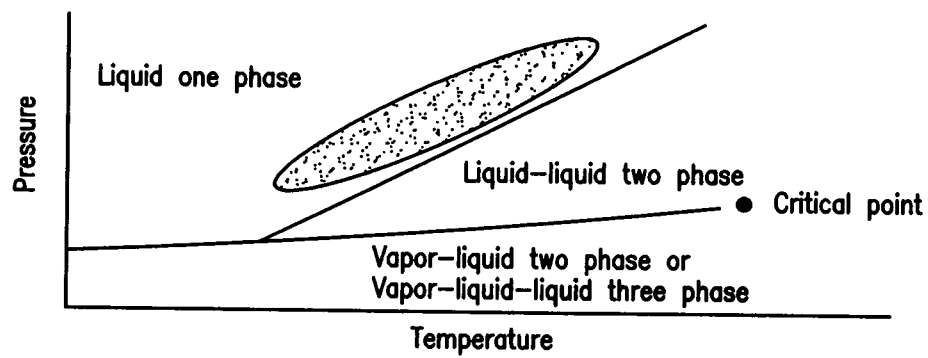
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In-line polymer blending with buffer tanks for improved blend ratio control and with the option for additive/polymer blending component

**FIG. 7**

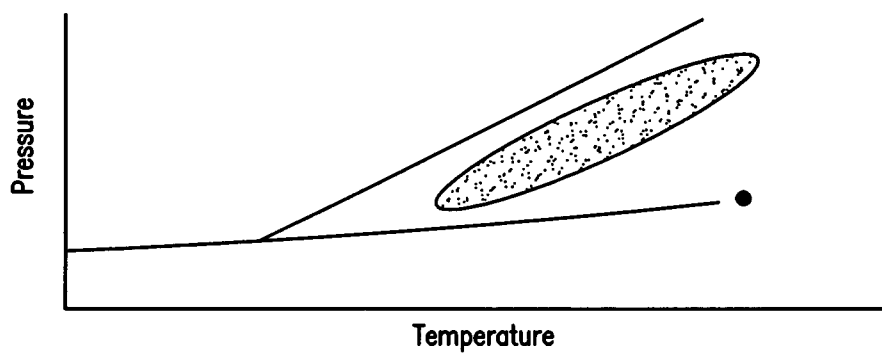
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Operating regime with process disclosed for a reactor operating in a single fluid phase

**FIG. 8**

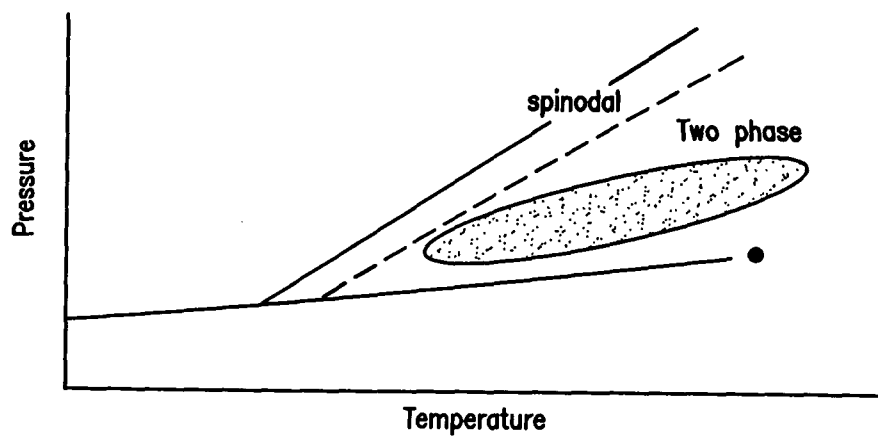
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Operating regime with process disclosed for a reactor operating in a fluid–fluid phase

**FIG. 9**

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Operating regime with process disclosed herein for a gravity separator

**FIG. 10**