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(54) Title: SEPARATION OF POLYMER SLURRIES

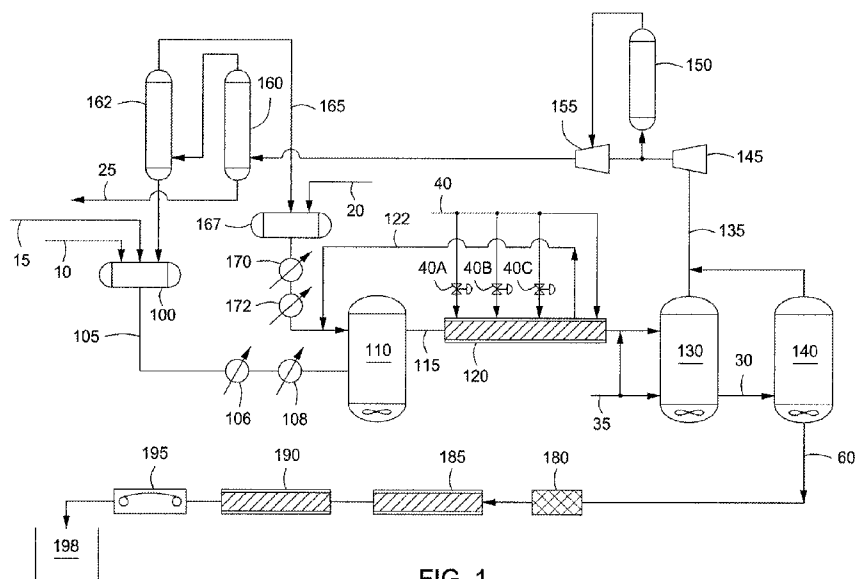


FIG. 1

(57) Abstract: Methods for producing elastomers or elastomeric compositions are provided. One or more C₄ to C₇ isoolefins and one or more comonomers can be polymerized in the presence of a diluent comprising one or more hydrofluorocarbons to provide a slurry comprising polymer product, unreacted monomer and the diluent. The slurry can be extruded to separate at least a portion of the diluent from the polymer product. The separated diluent can be recycled for polymerizing the one or more C₄ to C₇ isoolefins.



Declarations under Rule 4.17:

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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