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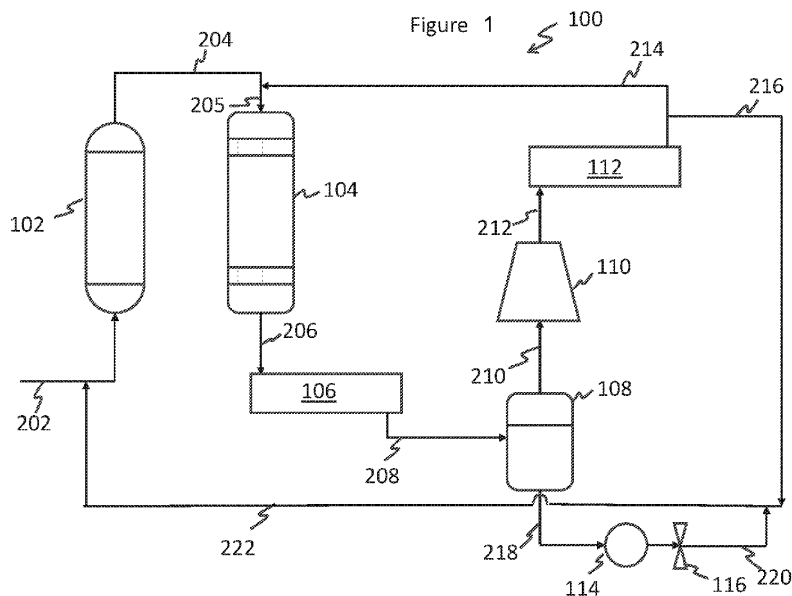
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(54) Title: METHOD OF CONTROLLING ALPHA-OLEFIN CONDENSATION IN ABSORPTION MEDIA DURING POLYOLEFIN PRODUCTION



(57) Abstract: Disclosed herein is a method comprising discharging from a reactor to an absorber a product stream that comprises a polymer or interpolymers, a solvent and hydrochloric acid; absorbing the hydrochloric acid from the product stream in the absorber; discharging the product stream now devoid of substantially all hydrochloric acid to a first heat exchanger; wherein the first heat exchanger is operative to condense the product stream devoid of hydrochloric acid from the absorber; discharging a condensate from the first heat exchanger to a collection drum that is operative to receive a condensate from the first heat exchanger; splitting up the condensate in the collection drum into a slip stream and a second stream; and discharging the slip stream to a compressor; wherein the compressor is operative to pressurize the slip stream prior to recycling it to the absorber.

[Continued on next page]

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