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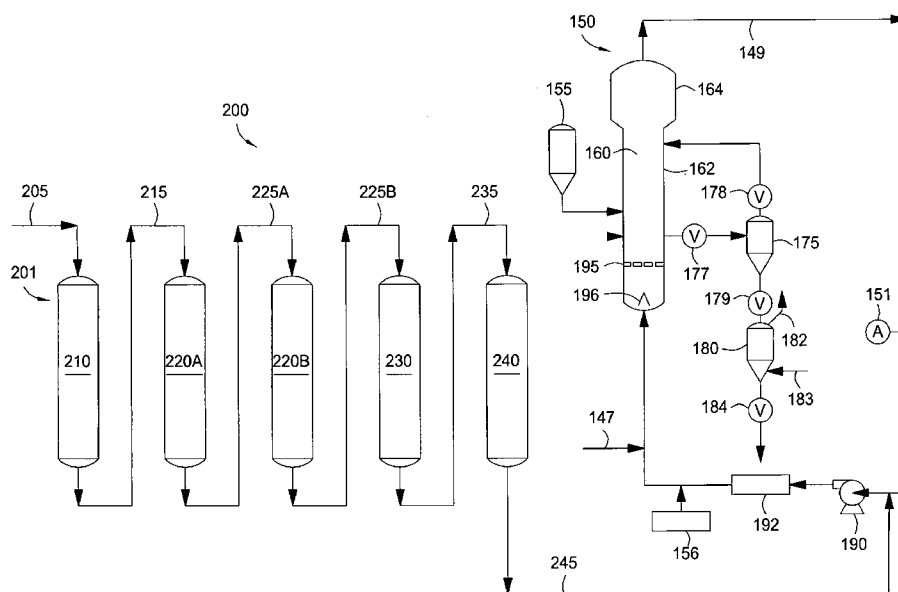
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[Continued on next page]

(54) Title: FEED PURIFICATION AT AMBIENT TEMPERATURE



(57) Abstract: A method for olefin polymerization is provided. A feed stream comprising more than 0.1 ppm by volume of oxygen and 0.3 ppm by volume of water is passed through a first packed bed to selectively remove at least a portion of the oxygen. The feed stream is then passed through a second packed bed to selectively remove at least a portion of the water, providing a purified feed stream comprising less than 0.1 ppm by volume of oxygen and 0.3 ppm by volume of water. Both the first and second packed beds operate at a temperature of from about 0 °C to about 50 °C. The purified feed stream is then passed to a polymerization reactor.

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