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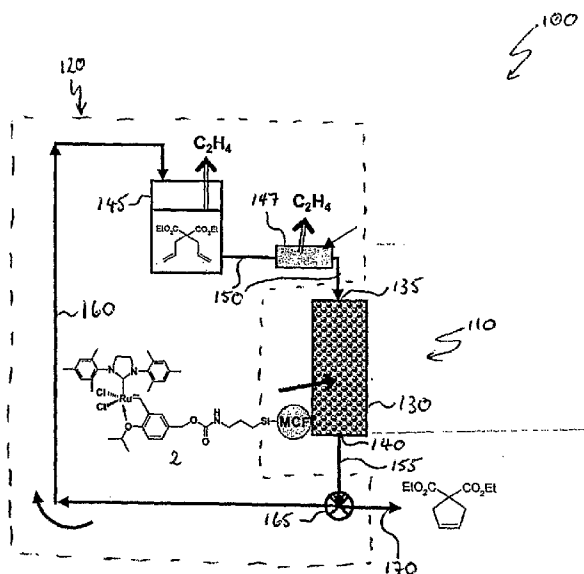
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(54) Title: RECIRCULATING REACTOR



(57) Abstract: The invention provides a recirculating reactor for converting a substrate to a product. The reactor comprises a reaction chamber and a recirculation system, said recirculation system comprising a separator. The reaction chamber contains a catalyst, and comprises a chamber body, a chamber inlet and a chamber outlet. The recirculation system is adapted for recirculating liquid from the chamber outlet to the chamber inlet, and the separator is used for separating a by-product from the liquid.



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