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(54) Title: HYDROCARBON CONVERSION UNIT INCLUDING A REACTION ZONE RECEIVING TRANSFERRED CATALYST

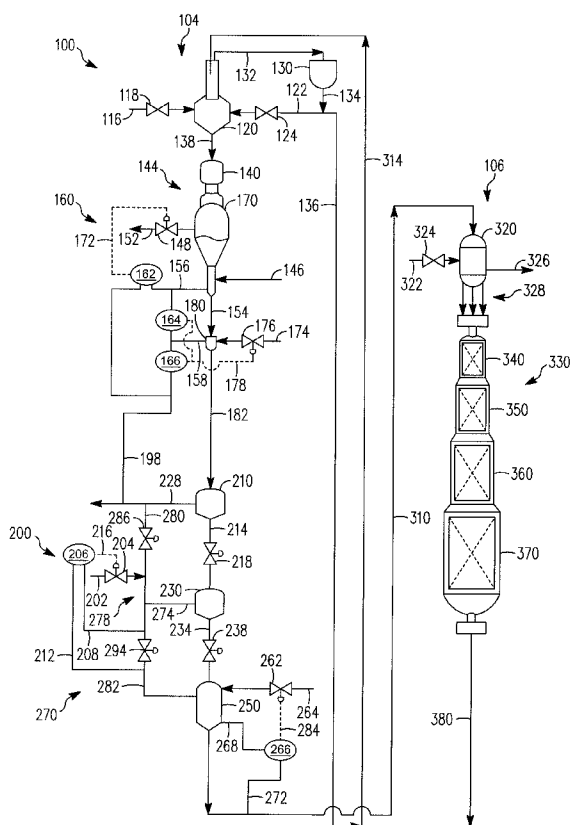


FIG. 1

(57) Abstract: One embodiment includes an apparatus for transferring catalyst from a regeneration zone to a reaction zone in a hydrocarbon conversion unit which includes a transfer vessel, and first, second, and third lines. The transfer vessel can transfer regenerated catalyst from the regeneration zone at a first pressure to the reaction zone at a second pressure where the second pressure is greater than the first pressure. Generally, the first line communicates the catalyst to the transfer vessel and the second line communicates the catalyst from the transfer vessel. The third line for allowing the passage of gas therethrough may be at a pressure higher than the first pressure having a first portion communicating with the transfer vessel and having a second portion coupled to third and fourth valves.



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