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SURE PRODUCT SPLITTER COLUMN

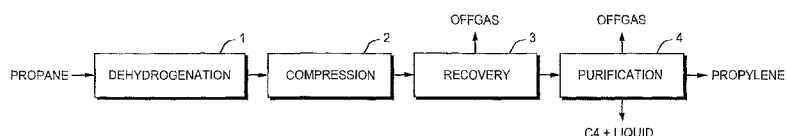


FIG. 1

(57) Abstract: An improved process for the production of olefins, and in particular for separation of olefins produced by a dehy-
drogenation process from paraffin feed stocks, is provided. A high pressure product splitter is used to separate olefins produced in
a dehydrogenation plant from residual paraffin feed stocks. The use of a high pressure splitter to separate olefin products from
paraffin feed stocks allows for recovery of a high purity olefin product with lower energy consumption compared to prior art pro-
cesses. The process is particularly suited to separation of propylene from propane.