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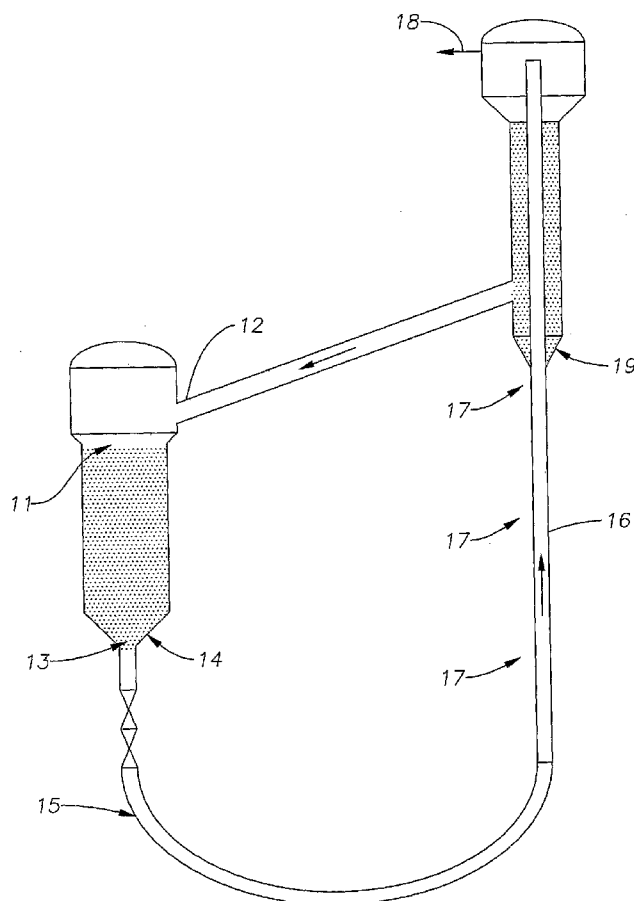
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(54) Title: PRODUCTION OF AROMATIC HYDROCARBONS FROM METHANE



(57) Abstract: In a process for converting methane to higher hydrocarbons including aromatic hydrocarbons, a feed containing methane is contacted with a dehydrocyclization catalyst in a reaction zone under conditions effective to convert said methane to aromatic hydrocarbons. A first portion of the catalyst is transferred from the reaction zone to a heating zone, where the first catalyst portion is heated by contacting the catalyst with hot combustion gases generated by burning a supplemental source of fuel. The heated first catalyst portion is then returned to the reaction zone.

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