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(74) Agent: **KNIGHT, Jennifer, R.**, P.O. Box 511, Kingsport,
TN 37662-5075 (US).

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(71) Applicant: **EASTMAN CHEMICAL COMPANY** [US/US]; 200 South Wilcox Drive, Kingsport, TN 37660 (US).

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(72) Inventors: **YOUNT, Thomas, Lloyd**; 3208 Nola Lane, Kingsport, TN 37664 (US). **DEBRUIN, Bruce, Roger**; 119 Chadwick Trail, Lexington, SC 29072 (US). **EKART, Michael, Paul**; 1025 Hanover Court, Kingsport, TN 37660 (US). **WINDES, Larry, Cates**; 1212 Jerry Lane, Kingsport, TN 37664 (US). **SLIGER, David, Allen**; 191 Blazerview Road, Gray, TN 37615 (US).

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(54) Title: MULTI-LEVEL TUBULAR REACTOR WITH VERTICALLY SPACED SEGMENTS

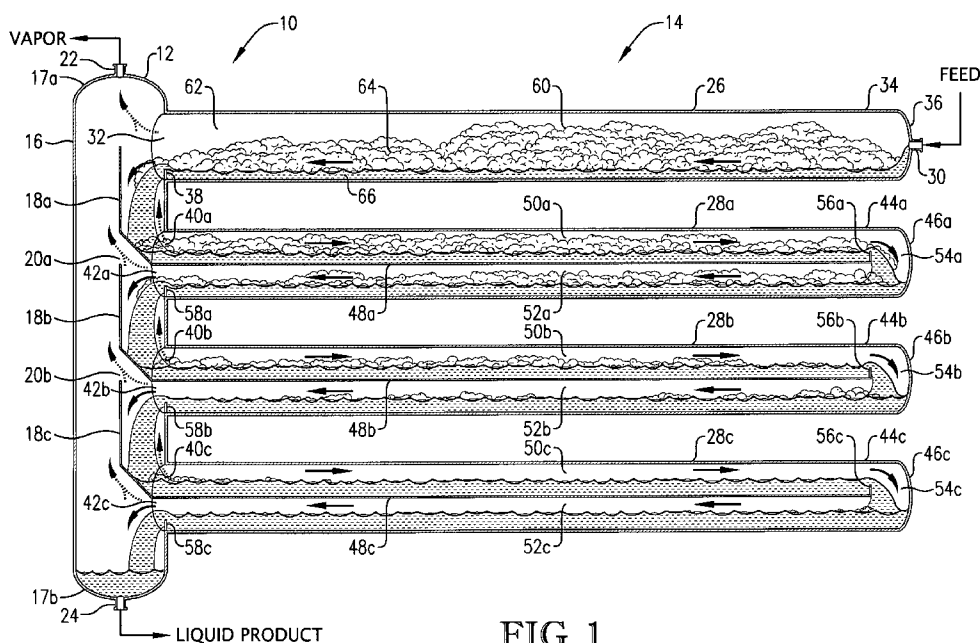


FIG. 1

(57) Abstract: A multi-level tubular reactor operable to facilitate a chemical reaction in a reaction medium flowing therethrough. The tubular reactor can include a plurality of horizontally elongated and vertically spaced reactor segments coupled to and extending outwardly from a common header. One or more of the reactor segments can contain a tray that divides the internal volume of the reactor segment into upper and lower chambers. The reaction medium can flow away from the header in the upper chambers and back to the header in the lower chambers.