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- (71) **Applicant (for all designated States except US):** CATALYTIC DISTILLATION TECHNOLOGIES [US/US];
10100 Bay Area Blvd., Pasadena, TX 77507 (US).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** FAEGH, Ahmad [US/US]; 2 Riverway, Suite 1300, Houston, TX 77056 (US). COLLINS, John, C. [US/US]; 2 Riverway, Suite 1300, Houston, TX 77056 (US). MANRAL, Virendra [US/US]; 2 Riverway, Suite 1300, Houston, TX 77056 (US). REISEN, Gary [US/US]; 2 Riverway, Suite 1300, Houston, TX 77056 (US).
- (74) **Agents:** BERGMAN, Jeffrey, S. et al.; Osha - Liang LLP, 909 Fannin Street, Suite 3500, Houston, TX 77010 (US).

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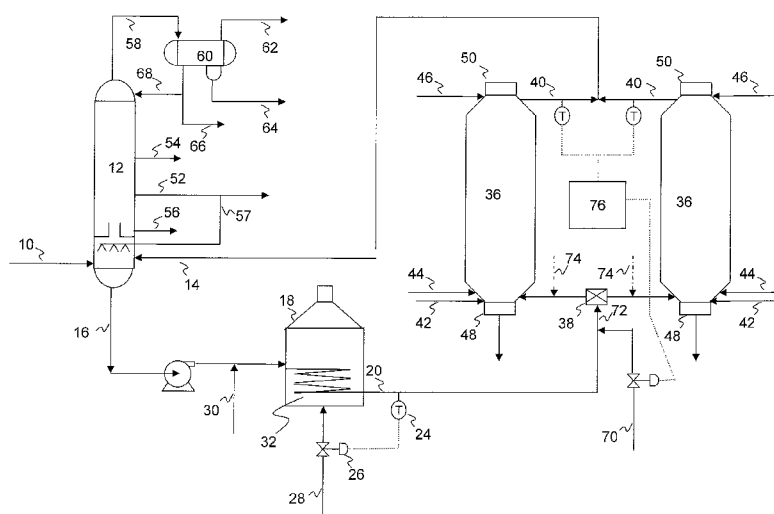
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- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) **Title:** METHOD FOR PRODUCING HIGH VCM COKE

Figure 1



(57) **Abstract:** A process and apparatus for improving the production of coke having a high volatile combustible material content are disclosed. The process may include, for example: heating a coker feedstock to a coking temperature to produce a heated coker feedstock; contacting the heated coker feedstock with a quench medium to reduce a temperature of the heated coker feedstock and produce a quenched feedstock; feeding the quenched feedstock to a coking drum; subjecting the quenched feedstock to thermal cracking in the coking drum to (a) crack a portion of the quenched feedstock to produce a cracked vapor product, and (b) produce a coke product having a volatile combustible material (VCM) concentration in the range from about 13 % to about 50 % by weight, as measured by ASTM D3175.

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