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(71) Applicant: **THE CHEMOURS COMPANY FC, LLC**
[US/US]; 1007 Market Street, Wilmington, Delaware
19801 (US).

(72) Inventors: **PENG, Sheng**; 549 Cabot Drive, Hockessin,
Delaware 19707 (US). **HUGHES, Mark**; Sunrise, Marston
Hill, Oving, Aylesbury HP22 4HB (GB). **ALLGOOD,
Charles Clinton**; 8 East Lane, Elkton, Maryland 21921
(US).

(74) Agent: **SHAH-CREAMER, Bijal**; 1007 Market Street,
Patent Legal Group, Wilmington, Delaware 19801 (US).

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(54) Title: RECLAMATION PROCESSES INCLUDING AZEOTROPIC AND OTHER CLOSE-BOILING THERMAL FLUIDS

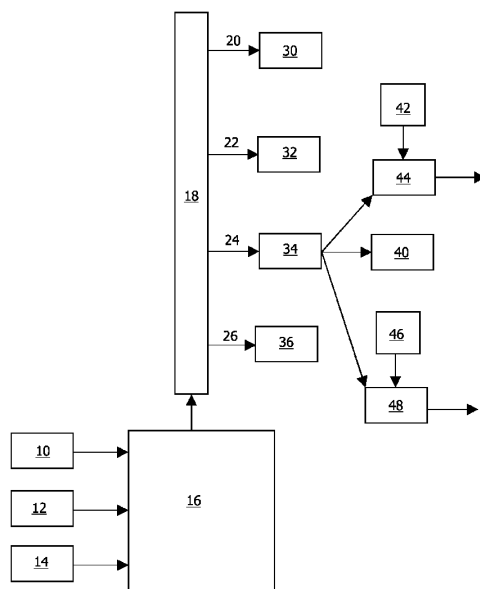


FIG. 1

(57) Abstract: A process of thermal fluid reclamation includes combining at least two recovered thermal fluids including a first refrigerant compound and a second refrigerant compound to form a consolidated thermal fluid. The consolidated thermal fluid is a blend including the first refrigerant compound and the second refrigerant compound with a consolidated composition. The process also includes testing the consolidated thermal fluid and validating that the consolidated thermal fluid has greater than 95 wt% organic purity. The process further includes distilling the consolidated thermal fluid to form at least one distillate including the first refrigerant compound and the second refrigerant compound as a reclaimed thermal fluid. The reclaimed thermal fluid has a reclaimed composition different from the consolidated composition and the reclaimed thermal fluid is azeotropic, azeotrope-like, or close-boiling. The process yet further includes supplying the reclaimed thermal fluid for formation of a thermal fluid product.

[Continued on next page]

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