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(71) Applicant *(for all designated States except US)*: **FMC TECHNOLOGIES INC.** [US/US]; 1777 Gears Road, Houston, TX 77067 (US).

(72) Inventor: **BARTLETT, Christopher, D.**; 8506 Shadow Valley Lane, Spring, TX 77388 (US).

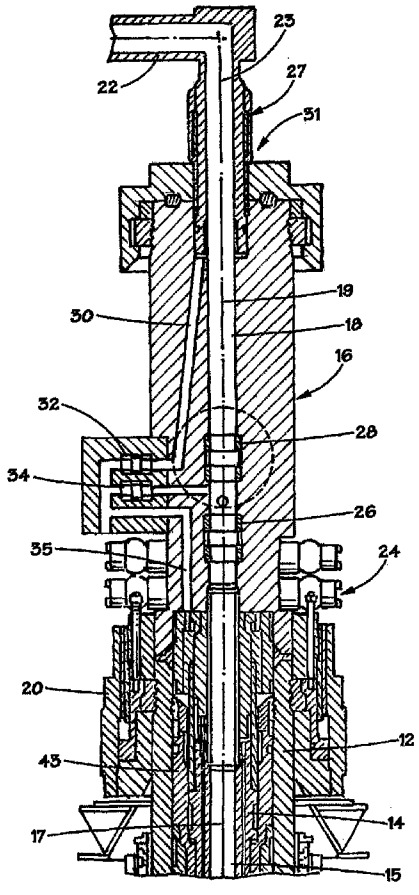
(74) Agent: **AMERSON, J., Mike**; Williams, Morgan & Amerson, Suite 1100, 10333 Richmond Ave., Houston, TX 77042 (US).

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(54) Title: SUBSEA COMPLETION SYSTEM, AND METHODS OF USING SAME



(57) Abstract: The present invention is directed to various embodiments of a subsea production system. In one illustrative embodiment, the system is adapted to be coupled to a subsea wellhead and comprises a tubing hanger adapted to be positioned in the wellhead, the tubing hanger comprising a flow opening extending therethrough and at least one eccentrically located opening extending through the tubing hanger, the tubing hanger adapted to be not precisely oriented with respect to a fixed reference point when positioned in the wellhead, and a production tree adapted to be operatively coupled to the tubing hanger, wherein the production tree is oriented relative to the tubing hanger. In other embodiments, the tubing hanger is not oriented with respect to the wellhead or other fixed reference point.

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