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(54) Title: SUBSEA PRODUCTION SYSTEM HAVING ARCTIC PRODUCTION TOWER

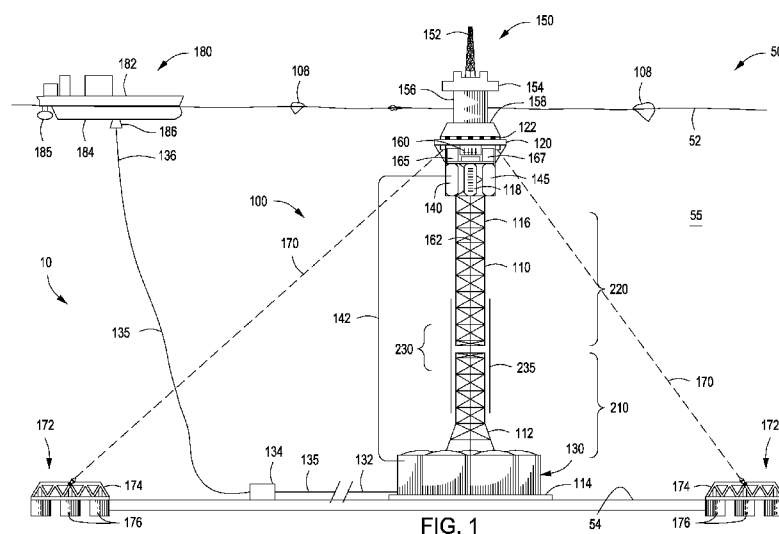


FIG. 1

(57) Abstract: A subsea production system for conducting hydrocarbon recovery operations in a marine environment, including a trussed tower having a first end including a base residing proximate the seabed and a second end having a landing deck configured to receive and releasably attach to a floating drilling unit. The system also includes one or more hydrocarbon fluids storage cells. The storage cells reside at the seabed proximate the base of the trussed frame. The system further includes subsea production operational equipment that resides within the trussed frame near the water surface and is in fluid communication with the hydrocarbon fluids storage cells. A method for installing such components is also provided.