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(54) Title: SUBSEA CASING HANGER RUNNING TOOL WITH ANTI-ROTATION FEATURE AND METHOD FOR ROTATING CASING INTO COMPLEX AND DEVIATED WELLBORES

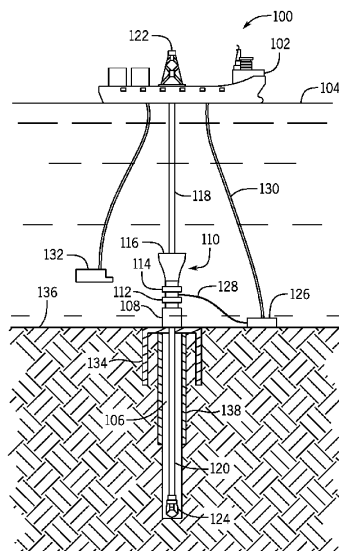


FIG. 1

(57) Abstract: A downhole tool for transmitting rotation to a casing string includes a tool body (402) having a bore (536) extending from a first end to a second end. The downhole tool also includes a cam (530) positioned within the tool body (402), the cam (530) being axially translatable along an axis (500) of the bore (536). The downhole tool further includes a recess (522), formed in an outer diameter of the cam (530). The downhole tool includes a locking mechanism (524), positioned at least partially within the tool body (402). The locking mechanism (524) includes a tool key (518). The locking mechanism (524) also includes a biasing member (526), the biasing member (526) driving the tool key (518) toward the retracted position.

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