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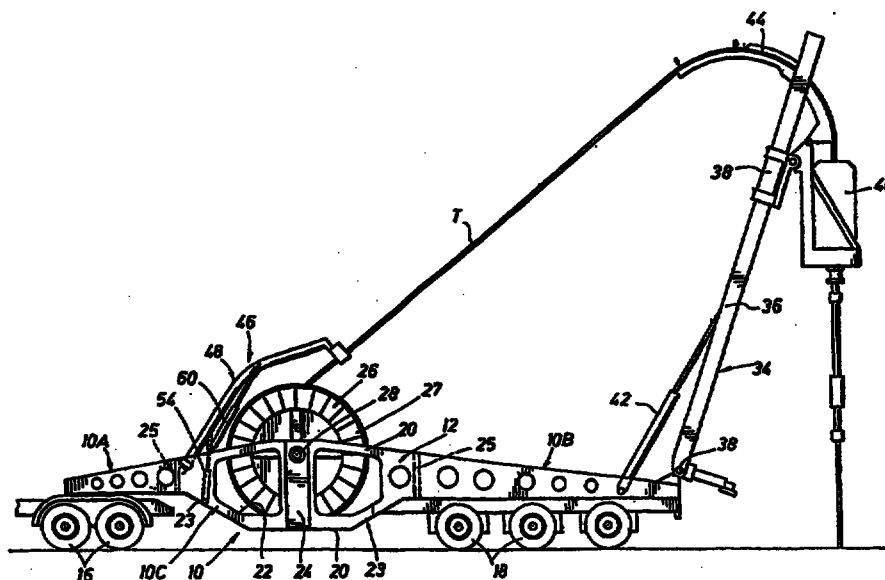
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(54) Title: LEVELWIND SYSTEM FOR COILED TUBING REEL



(57) Abstract

A levelwind system for a coiled tubing reel (26) including an arcuate guide arm (48) extending over the upper surface of the reel (26). A universal joint (50) mounts the lower end of the arm (48) for pivotal movement both vertically and horizontally. A guide member (52) is supported on the free end of the guide arm (48) for guiding the coiled tubing T on and off reel (26). A lift cylinder (54) is effective to raise and lower guide arm (48). A balancing cylinder (60) is effective for moving guide arm (48) laterally. A hydraulic fluid circuit responsive to a position sensor (111) and a microprocessor (112) as shown in Figure 12 is effective for controlling the movement of the coiled tubing guide arm (48).