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(56) Documents Cited by ISA:
US 20080264648 A1 **US 20080149326 A1**
US 20070131416 A1 **US 20020170720 A1**

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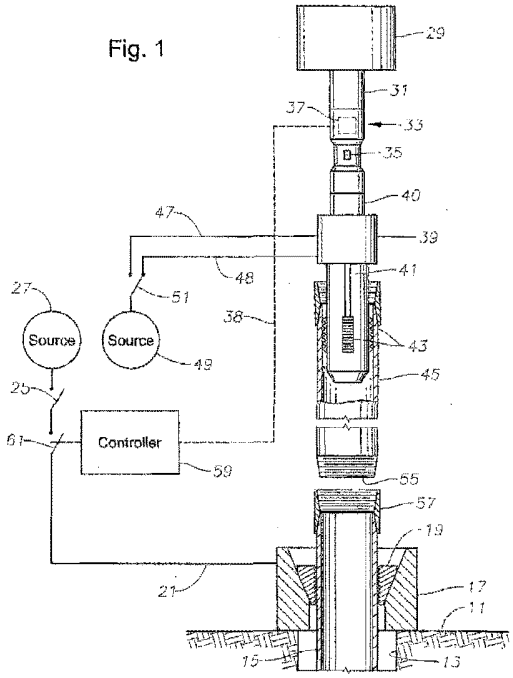
(54) Title of the Invention: **Method of preventing dropped casing string with axial load sensor**
Abstract Title: **Method of preventing dropped casing string with axial load sensor**

(57) A method of running casing into a well utilizes a load sensor to avoid dropping the casing string accidentally. The rig has a spider (17) at the rig floor (11) that suspends a casing string (15) in the well when in a gripping position. A casing lifting mechanism will place a new joint of casing (45) on the casing string (15) suspended in the spider (17). The new joint of casing (45) is rotated to make up with the casing string (15). After makeup, the casing lifting mechanism lifts the new joint of casing and the casing string (15). The operator releases the spider (17) to allow the casing string (15) to be lowered further into the well. Before releasing the spider (17), a load sensor will send a signal indicating that the casing lifting mechanism is supporting a minimum amount of weight.

Fig. 1



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