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[54] **SAFETY SYSTEM FOR STRAND TAKE-UP MACHINES**
 5 Claims, 1 Drawing Fig.

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 [50] Field of Search..... 242/36, 37,
 57, ; 28/29, 64; 57/80, 81

ABSTRACT: A conventional traverse mechanism distributes the strand uniformly on the takeup reel as the latter is driven, and the shaft which drives the traverse actuates a switch periodically as the shaft rotates. The switch is associated with a current source and means for storing an electrical charge, so that each actuation of the switch causes the storing means to be electrically charged and thereby maintain a relay energized during the time intervals between actuations of the switch. If the traverse ceases to operate for any reason, the switch remains unactuated and thus allows the electrical charge in the storing means to decrease to the point where the relay is deenergized, thereby operating an alarm device and/or stopping the motor which drives the takeup reel.

