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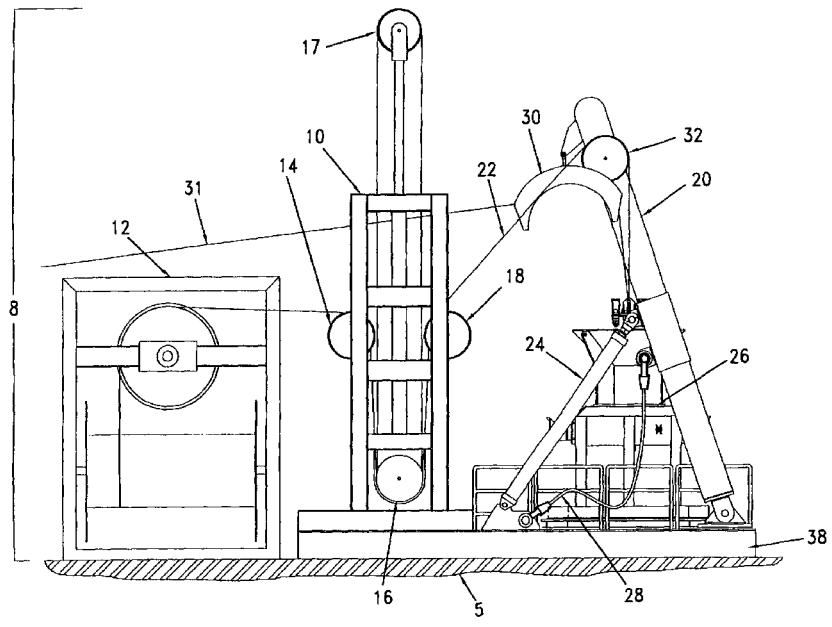
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(54) Title: UMBILICAL TERMINATION ASSEMBLY AND LAUNCHING SYSTEM RELATED APPLICATION INFORMATION



(57) Abstract: The invention relates to a launch system for use in controlling subsea equipment, comprising: a winch mounted on a vessel; a movable boom mounted near the winch on the vessel for receiving cable from the winch and guiding that cable to a subsea tool; at least one reel mounted near the moveable boom on the vessel for storing at least one optical conductor, electrical conductor or hydraulic conductor; at least one sheave disposed on the movable boom for guiding the cable to the subsea tool; at least one actuator mounted on the vessel for pivoting the moveable boom from a pre-deployed position to a deployed position; a power system mounted on the vessel for the at least one optical conductor, electrical conductor or hydraulic conductor when engaged with the subsea equipment which can be used for recovery of the subsea tool after controlling of the subsea equipment, as well as to a method for deploying and retrieving a subsea tool, such as a UTA, and the apparatus of a UTA which comprises a lift point; a connector connected to said lift point; a guide surrounding the connector; a housing connected to said guide, and further wherein said housing comprises: a mandrel for engaging the connector and at least one interface for connecting between a member of the group: an electrical umbilical, a fiber optic cable, and a hydraulic umbilical; a plurality of flying leads connected to said housing; a base connected to said housing, and an emergency quick disconnect connected to the mandrel, comprising a hydraulic connector which engages hydraulic pistons which can then disengage a plurality of locking dogs, enabling the hydraulic connector to disengage from the UTA.

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