

Title (en)
CONTROL LINE MANIPULATING ARM AND METHOD OF USING SAME

Title (de)
HANDHABUNGSARM FÜR STEUERLEITUNG UND VERWENDUNGSVERFAHREN DAFÜR

Title (fr)
BRAS DE MANIPULATION DE LIGNES DE COMMANDE ET PROCEDE D'UTILISATION DE CE BRAS

Publication
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Application
EP 05852053 A 20051122

Priority

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Abstract (en)
[origin: WO2006058055A2] A control line guide and manipulating arm can protect and guide one or more control lines which are desired to be attached and lowered into a wellbore with a tubular string. The control lines may be moved toward a tubular string, can be clamped to the tubular string, and the tubular string and control lines may be lowered into the wellbore. When the elevator reaches a predetermined position, the spider slips are preferably set. To protect the control lines, the control lines are moved in a substantially radial direction outward from the tubular string. The spider slips are closed only after the control lines are retained outward. After another tubular joint is connected to the tubular string and the elevator grips the tubular string, the spider slips are preferably released. For easier attachment, of the control lines to the tubular string, the control lines are moved in a substantially radial direction toward the tubular string. As the tubular string and the control lines are lowered into the wellbore, the manipulator arm may again begin retracting to move the control lines away from the approaching elevator as well as to move the control lines out of the way of the movement of the spider slips. The control line guide, which preferably passes through the spider, protects the control lines from the spider slips by allowing the control lines to remain outside the path of the spider slips as they open and close.

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