

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  
**EP 1817476 A4 20091209 (EN)**

Application  
**EP 05852053 A 20051122**

Priority  

- US 2005042419 W 20051122
- US 99590704 A 20041124
- US 99590504 A 20041124

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.

IPC 8 full level  
**E21B 19/00** (2006.01)

CPC (source: EP)  
**E21B 17/026** (2013.01); **E21B 19/07** (2013.01); **E21B 19/22** (2013.01)

Citation (search report)  

- [PLX] US 6920931 B1 20050726 - WEBRE CHARLES MICHAEL [US], et al
- See references of WO 2006058056A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006058055 A2 20060601**; **WO 2006058055 A3 20061214**; BR PI0516909 A 20080930; CA 2602111 A1 20060601; CA 2620956 A1 20060601; EP 1817476 A2 20070815; EP 1817476 A4 20091209; EP 1817476 B1 20120801; EP 1817479 A2 20070815; EP 1817479 A4 20091209; EP 2050921 A2 20090422; EP 2050921 A3 20091209; NO 20073171 L 20070821; NO 20073172 L 20070821; WO 2006058056 A2 20060601; WO 2006058056 A3 20070201

DOCDB simple family (application)  
**US 2005042417 W 20051122**; BR PI0516909 A 20051122; CA 2602111 A 20051122; CA 2620956 A 20051122; EP 05852051 A 20051122; EP 05852053 A 20051122; EP 09001320 A 20051122; NO 20073171 A 20070622; NO 20073172 A 20070622; US 2005042419 W 20051122