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[Continued on next page]

(54) Title: SELF-LOCKING TOP DRIVE GUIDE SYSTEM

(57) Abstract: A top drive guide system comprising first and second rail sections axially aligned to form a top drive guide rail. A locking member is coupled to the first rail section and is movable between a locked position and an unlocked position. A locking surface is disposed on the second rail section and is operable to engage the locking member when the locking member is in the locked position. An actuator is coupled to the locking member and is operable to move the locking member from the locked position to the unlocked position.

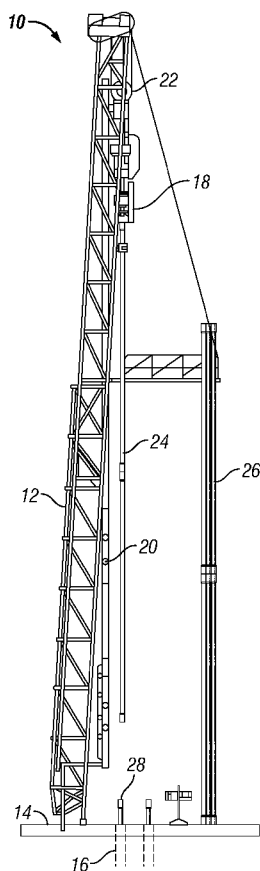


FIG. 1





MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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A. CLASSIFICATION OF SUBJECT MATTER
INV. E21B17/046 E21B19/15 E21B7/02 B61B13/00 E21B3/02
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
E21B E01B B61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 8 181 721 B1 (KEAST LARRY G [US]) 22 May 2012 (2012-05-22) column 7, line 13 - column 8, line 52; figures 2,4	1-19
X	US 5 381 867 A (BERRY JOE R [US]) 17 January 1995 (1995-01-17) column 4, line 11 - line 37; figures 3-5	1,7,13
A	US 2011/203820 A1 (MARICA ADRIAN [US] ET AL) 25 August 2011 (2011-08-25) abstract; figure 2	1-19
A	US 2004/129417 A1 (NELSON ALLAN R [CA] ET AL) 8 July 2004 (2004-07-08) abstract; figure 3	1-19
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Further documents are listed in the continuation of Box C.



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 921 329 A (ARMSTRONG JAMES E [US]) 13 July 1999 (1999-07-13) column 3, line 54 - column 4, line 43; figures 1,6,7 -----	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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US 5921329	A	13-07-1999	NONE