



(51) International Patent Classification:
E21B 33/068 (2006.01) *E21B 34/02* (2006.01)

(21) International Application Number:
PCT/NO2011/000029

(22) International Filing Date:
26 January 2011 (26.01.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20100127 26 January 2010 (26.01.2010) NO

(71) Applicant (for all designated States except US):
PETROLEUM TECHNOLOGY COMPANY AS [NO/
NO]; Slettestrandveien 13, N-4032 Stavanger (NO).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PETTERSEN,**
Ståle [NO/NO]; Skaret 3, N-4326 Sandnes (NO). **KLEP-**
PA, Erling [NO/NO]; Klovsteinsveien 17, N-4100 Jør-
peland (NO). **KVASNES, Trond** [NO/NO]; Tronesgeilen

(74) Agents: **ONSAGERS AS** et al.; P.O. Box 6963, St. Olavs
plass, N-0130 Oslo (NO).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, 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.

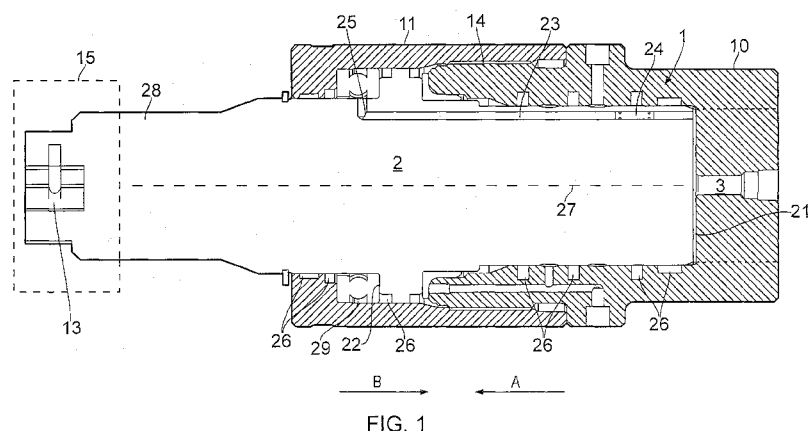
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG,
ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments (Rule 48.2(h))

(88) Date of publication of the international search report:
22 December 2011

(54) Title: A TOOL FOR INSTALLING UNITS IN A WELL



(57) Abstract: The present invention relates to a tool for installation of units in connection with oil wells, comprising a housing (1) with an attachment device (12) for attachment to a well installation, a telescopic device (30, 31, 32) for extension of the tool, a torsional force transmission device (13) for rotation of an internal movable element (2) of the tool. According to the invention the internal movable element (2) comprises a pressure face (21), which in an operative condition is exposed to a well pressure and a counter-pressure face (22), with a sealing arrangement (26) between the housing (1) and the internal movable element (2) provided between these pressure faces (21, 22) and devices (23) which are arranged in such a manner that a pressure can be applied to the counter-pressure face.

