



- (51) **International Patent Classification:**
E21B 33/035 (2006.01) *E21B 47/06* (2012.01)
E21B 47/00 (2012.01)
- (21) **International Application Number:**
PCT/EP2012/059146
- (22) **International Filing Date:**
16 May 2012 (16.05.2012)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
20111436 21 October 2011 (21.10.2011) NO
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- (81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM,

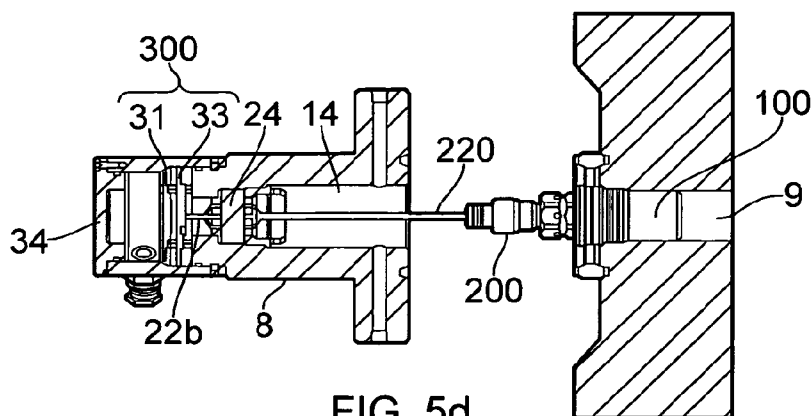
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- (84) **Designated States (unless otherwise indicated, for every kind of regional protection available):** ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, 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))

(54) **Title:** METHODS FOR INSTALLING AND RETRIEVING A WELL MONITORING APPARATUS



(57) **Abstract:** The invention concerns a method for installing an apparatus for monitoring physical parameters in an annulus of an oil and/or gas well having a well head. The apparatus comprises a sensor plug including a sensor and a flange assembly arranged with a bore holding a signal processing unit for communication with the sensor. The method comprises the following steps; installing the sensor plug including the sensor in a passage in the well head, which passage communicates with an annulus of the well, connecting a cable connector to the sensor plug, which cable connector is attached to an end of a cable, connecting the sensor of the sensor plug to the signal processing unit in the bore of the flange assembly, positioning the bore of the flange assembly essentially coinciding with the passage of the well head thereby inserting the cable connector into the bore and attaching the flange assembly to the well head thereby. The invention also comprise a method for retrieving an apparatus for monitoring physical parameters in an annulus of an oil and/or gas well having a well head.

