



- (51) International Patent Classification:
E21B 33/038 (2006.01)
- (21) International Application Number:
PCT/EP2014/062831
- (22) International Filing Date:
18 June 2014 (18.06.2014)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
20130878 24 June 2013 (24.06.2013) NO
- (71) Applicant: FMC KONGSBERG SUBSEA AS [NO/NO];
P. O. Box 1012, N-3601 Kongsberg (NO).
- (72) Inventors: LØKKA, Trond; Særegata 28, N-3679 No-
todden (NO). AASE, Oddbjørn; Surtevuvegen 56, N-
3677 Notodden (NO).
- (74) Agent: ONSAGERS AS; P. O. Box 1813, Vika, N-0123
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, BN, 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, IR, IS, JP, KE, KG, 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, 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.

(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, KM, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: SUBSEA CONNECTION

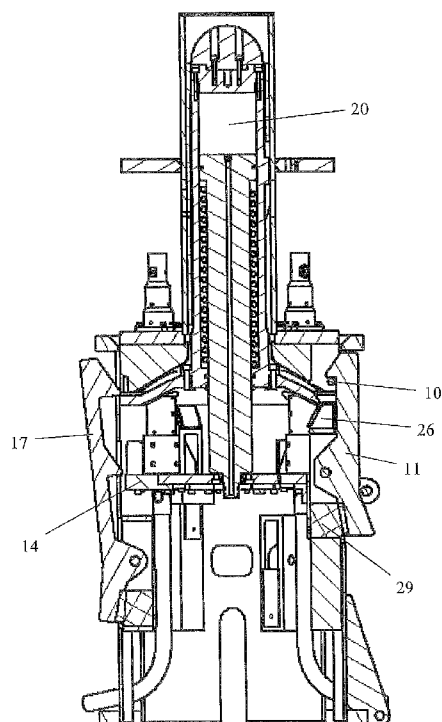


Fig. 7

(57) Abstract: The present invention provides a subsea connection comprising an umbilical termination head (1) comprising a housing (23) and at least one connecting line (4), where each connecting line comprises a first mating means (3); a subsea base unit (5) comprising a housing (24) and at least one connecting line (22), each connecting line comprises a second mating means (13) arranged to be connected with the cooperating first mating means (3); and locking means (11) for locking the termination head to the subsea base unit, wherein the second mating means are fixed to a stab plate (14) and kept in a retracted position before connection of the termination head and the base unit, and the stab plate is arranged to move the second mating means towards the first mating means during connection.



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))