



(43) International Publication Date
19 December 2013 (19.12.2013)

(51) International Patent Classification:
E21B 19/10 (2006.01)

(21) International Application Number:
PCT/GB2013/051531

(22) International Filing Date:
11 June 2013 (11.06.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
1210220.8 11 June 2012 (11.06.2012) GB

(71) Applicant: **BALLTEC LIMITED** [GB/GB]; United 2B,
The Gateway, White Lund Industrial Estate, Morecambe,
Lancashire, LA3 3PB (GB).

(72) Inventor: **TAYLOR, Richard**; 8 Bramble Close, Kendal,
LA9 6FF (GB).

(74) Agents: **ROBEY, James** et al.; Blackfriars House, 5th
Floor, The Parsonage, Manchester, Lancashire M3 2JA
(GB).

(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, 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, 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).

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:
7 August 2014

(54) Title: SLIP

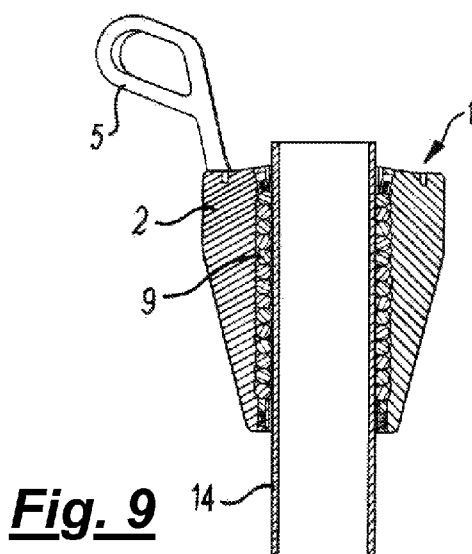


Fig. 9

(57) Abstract: A slip (1) for supporting a member, such as a pipe (14). The slip comprises one or more rolling elements (9), such as rollers, for gripping the member. The rolling elements may contact each other. The slip may be formed from a plurality of pivotally connected segments (2). The rolling elements may be arranged to roll along ramps, arranged to urge the members into contact with a member (14) to be gripped.

