



(51) International Patent Classification:
F16L 55/172 (2006.01) *F16L 55/17* (2006.01)

(21) International Application Number:
PCT/AU2009/001507

(22) International Filing Date:
19 November 2009 (19.11.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2008905980 19 November 2008 (19.11.2008) AU

(71) Applicant (for all designated States except US): **THE COMMONWEALTH OF AUSTRALIA** [AU/AU]; Department of Defence, Anzac Park West, Canberra, Australian Capital Territory 2600 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **ROBINSON, Jeffery** [AU/AU]; 506 Lorimer Street, Fishermans Bend, Victoria 3207 (AU).

(74) Agent: **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

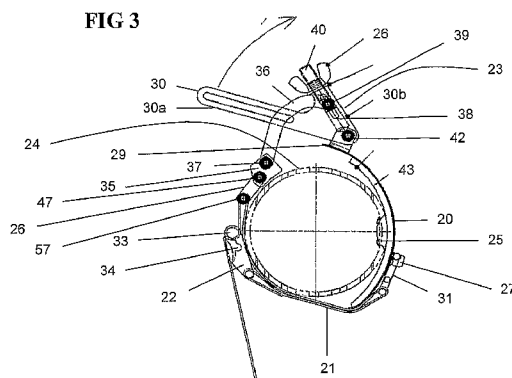
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, 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, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (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, 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))

(54) Title: A CLAMP AND WRAPPING ASSEMBLY FOR PATCHING A PIPE RUPTURE



(57) Abstract: The present invention relates to a clamp that can be used for repairing a rupture in a pipe. The clamp includes a wrapping assembly comprising strapping that at least partially extends about the pipe, an adjustment device that is suitably in form of a claps for adjusting the effective length of the strapping about the pipe and a tensioning device that is suitably in the form of an over centre lever mechanism that is operable to place the wrapping assembly under different tensions.