



(51) International Patent Classification:

A62B 1/14 (2006.01) A63B 29/02 (2006.01)
A62B 1/18 (2006.01)

(21) International Application Number:

PCT/AU2010/000714

(22) International Filing Date:

9 June 2010 (09.06.2010)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2009902729 12 June 2009 (12.06.2009) AU

(72) Inventor; and

(71) Applicant : **ROGELJA, Boris** [AU/AU]; 9 Nelson Avenue, Padstow, NSW 2211 (AU).

(74) Agent: **F B RICE & CO**; Level 23, 44 Market Street, Sydney, NSW 2000 (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,

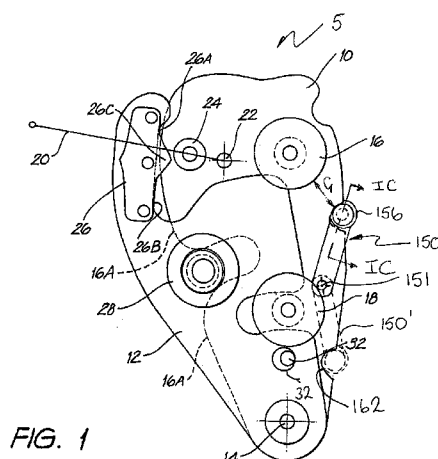
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, 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, 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: DESCENDER WITH SELF-ACTING BRAKE



(57) Abstract: A descender (5) for use in abseiling or belaying, comprising a base (10) connected to a harness or the like, with first (16) and second (18) spaced projections engaging a rope, the projections (16, 18) both extending normal to the base (10); an arm (12) pivotally mounted to the base (10) at a pivot axis (14), the arm (12) having a third projection (28) for engaging a rope, the projection (28) extending parallel to the pivot axis (14) and being located so that when the arm (12) is pivoted towards the base (10), the third projection (28) is located between the first (16) and second (18) spaced projections, wherein a fourth projection (156) disposed generally between the first (16) and second (18) projections and adjacent an edge of the base (10) separates a portion of rope passing into the descender (5) and around the first (16) and third (18) projections from the portion of the same rope passing out of the descender (5) between the third (28) and second (18) projections.