



(43) International Publication Date
28 August 2014 (28.08.2014)

- (51) International Patent Classification:
A62B 1/14 (2006.01) *A62B 35/04* (2006.01)
- (21) International Application Number:
PCT/EP2014/053033
- (22) International Filing Date:
17 February 2014 (17.02.2014)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
1303153.9 22 February 2013 (22.02.2013) GB
- (71) Applicant: **CAPITAL SAFETY GROUP (NORTHERN EUROPE) LIMITED** [GB/GB]; 5 Merse Road, Moons Moat North Industrial Estate, Redditch Worcestershire B98 9HL (GB).
- (72) Inventors: **HIRST, Robert**; Capital Safety Group (Northern Europe) Limited, 5 Merse Road, Moons Road North Industrial Estate, Redditch Worcestershire B98 9HL (GB). **ELTRINGHAM, Steven**; Capital Safety Group (Northern Europe) Limited, 5 Merse Road, Moons Road North Industrial Estate, Redditch Worcestershire B98 9HL (GB).

(74) Agent: **JACKSON, Derek Charles**; Derek Jackson Associates, The Old Yard, Lower Town, Claines, Worcester Worcestershire WR3 7RY (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, 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,

[Continued on next page]

(54) Title: FALL ARREST DEVICE

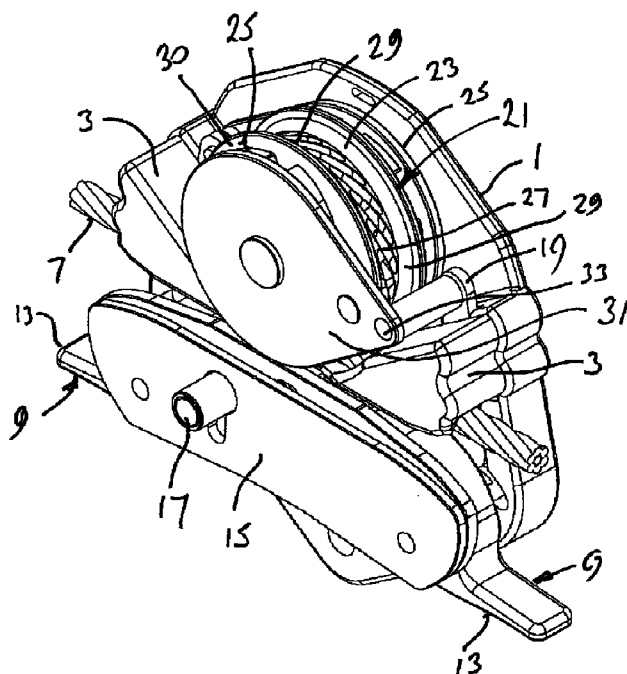


Fig. 1

(57) Abstract: A fall arrest device comprises a guide (3) for a track member (7) which, in use, passes through the device, a cam member (9) including a cam portion, and a clutch (21) responsive to at least one of the relative speed and relative acceleration of the fall arrest device and the track member. The clutch serves to determine when the relative speed and/or acceleration is at least a predetermined value. The clutch includes a trigger arm (19) connecting to the cam member so as to move the cam portion of the cam member toward the guide so as to lock the track member between the cam member and the guide when at least the predetermined value is attained.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

— *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))*

Published:

— *with international search report (Art. 21(3))*

(88) Date of publication of the international search report:

16 October 2014