



(51) International Patent Classification:

A62B 1/08 (2006.01) *B66D 5/18* (2006.01)
H02K 49/04 (2006.01) *F16D 59/00* (2006.01)

(21) International Application Number:

PCT/NZ2015/050205

(22) International Filing Date:

4 December 2015 (04.12.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

701545 4 December 2014 (04.12.2014) NZ

(71) Applicant: **EDDY CURRENT LIMITED PARTNER-SHIP** [NZ/NZ]; Level 2, Tower Centre, 50 Customhouse Quay, Wellington, 6011 (NZ).

(72) Inventors: **ALLINGTON, Christopher James**; 313 Dunsandel Brookside Road, RD 2, Leeston (NZ). **DIEHL, Andrew Karl**; c/- Eddy Current Limited Partnership, Level 2, Tower Centre, 50 Customhouse Quay, Wellington, 6011 (NZ). **WRIGHT, Kevin A.**; c/- Eddy Current Limited Partnership, Level 2, Tower Centre, 50 Customhouse Quay, Wellington, 6011 (NZ). **HILL, Weston**; Level 2, Tower Centre, 50 Customhouse Quay, Wellington, 6011 (NZ). **WALTERS, Dave**; Level 2, Tower Centre, 50 Customhouse Quay, Wellington, 6011 (NZ).

(74) Agent: **CREATEIP**; PO Box 21445, Edgware, Christchurch, 8143 (NZ).

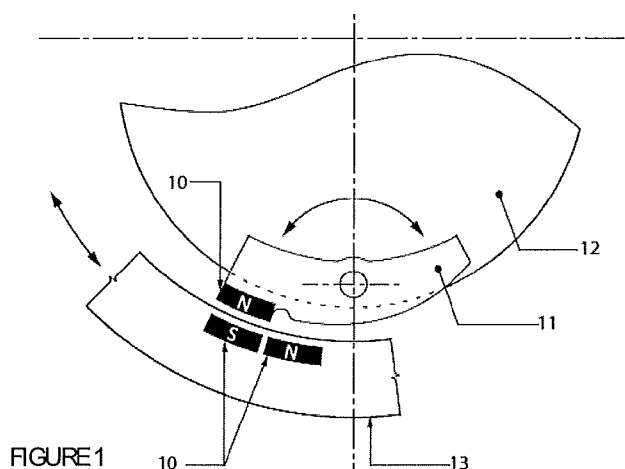
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, 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, ST, 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))

(54) Title: LATCH ACTIVATION BETWEEN ELEMENTS



(57) Abstract: Described herein is a system, method of use and Self Retracting Lifeline (SRL) apparatus using the system that govern a dynamic response between members causing a halt in relative motion between the members. Magnetic interactions, eddy current drag forces and centrifugal and/or inertial forces may provide various mechanisms of governing movement..

