

(19) World Intellectual Property  
Organization  
International Bureau



WIPO | PCT



(10) International Publication Number  
**WO 2019/212602 A9**

(43) International Publication Date  
07 November 2019 (07.11.2019)

(51) International Patent Classification:  
*B64F 1/02* (2006.01)

(21) International Application Number:  
PCT/US2019/000020

(22) International Filing Date:  
03 May 2019 (03.05.2019)

(25) Filing Language: English

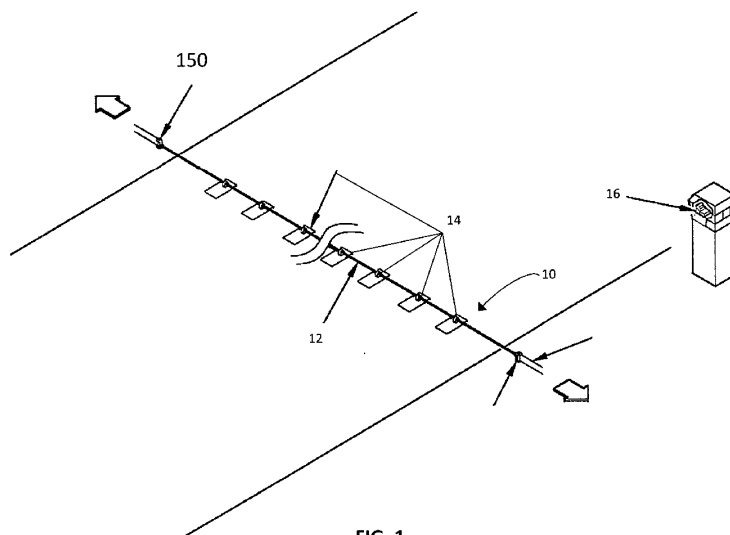
(26) Publication Language: English

(30) Priority Data:  
62/666,389 03 May 2018 (03.05.2018) US  
62/720,737 21 August 2018 (21.08.2018) US

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(54) Title: ARRESTING CABLE RETRACTION SYSTEM



(57) Abstract: An arresting cable retraction mechanism for use across an aircraft runway. The retraction mechanism functions to extend a cable across a runway (for capture by a tailhook of an aircraft) without causing the cable to recede below the runway surface during an aircraft rollover/deflection event. The arresting cable retraction mechanism is also designed to help prevent damage to a retraction motion actuator due to high speed aircraft rollover. The disclosed system separates components related to retraction vs. deflection due to rollover, such that rollover events do not affect or load the motion actuator used for retraction.

[Continued on next page]

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(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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, 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))

(48) **Date of publication of this corrected version:**

19 December 2019 (19.12.2019)

(15) **Information about Correction:**

see Notice of 19 December 2019 (19.12.2019)