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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, 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, 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, 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.

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[Continued on next page]

(54) **Title:** INCENTIVIZED RECOVERY OF BALLOON MATERIALS

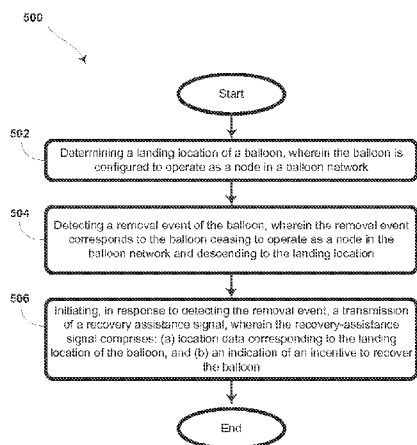


Figure 5

(57) **Abstract:** Methods and systems involving an incentivized recovery of balloon materials are disclosed herein. An example system may be configured to: (a) determine a landing location of a balloon, where the balloon has been configured to operate as a node in a balloon network; (b) detect a removal event corresponding to the balloon ceasing to operate as a node in the balloon network and descending to the landing location; and (c) in response to detecting the removal event, initiate a transmission of a recovery-assistance signal that is comprised of (i) location data corresponding to the landing location of the balloon and (ii) an indication of an incentive to recover the balloon.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2013/050271**A. CLASSIFICATION OF SUBJECT MATTER****H04B 7/185(2006.01)i, B64B 1/40(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04B 7/185; B64B 1/62; G06F 17/60; B64B 1/50; H04Q 7/20; G06F 15/18; B64B 1/40

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: balloon network, removal event, landing location, recovery-assistance, incentive

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2008-0299990 A1 (GERALD M. KNOBLACH et al.) 04 December 2008 See paragraphs 52-53, 70, 94-95, 105, 127, 129; and figures 1, 9-10, 12-15.	1-25
A	US 2002-0116266 A1 (THADDEUS MARSHALL) 22 August 2002 See abstract; paragraphs 3-15; claims 1, 3; and figures 1-2.	1-25
A	US 2006-0003698 A1 (SHERWIN I. SELIGSOHN et al.) 05 January 2006 See paragraphs 9-10, 19-25; and figure 1.	1-25
A	US 2007-0112705 A1 (ARIS MARDIROSSIAN) 17 May 2007 See paragraphs 22-26; and figures 2A-3.	1-25
A	JP 2000-177695 A (SECOM CO., LTD.) 27 June 2000 See paragraphs 6-10; and figure 1.	1-25



Further documents are listed in the continuation of Box C.



See patent family annex.

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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