



(51) International Patent Classification:
G08G 5/00 (2006.01)

(21) International Application Number:
PCT/US2011/028795

(22) International Filing Date:
17 March 2011 (17.03.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
12/764,797 21 April 2010 (21.04.2010) US

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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM,

[Continued on next page]

(54) Title: DETERMINING EMERGENCY LANDING SITES FOR AIRCRAFT

(57) Abstract: A routing tool is disclosed. The routing tool is configured to determine a landing site for an aircraft by receiving flight data. The routing tool identifies at least one landing site proximate to a flight path and generates a spanning tree between the landing site and the flight path. According to some embodiments, the landing sites are determined in real-time during flight. Additionally, the landing sites may be determined at the aircraft or at a remote system or device in communication with the aircraft. In some embodiments, the routing tool generates one or more spanning trees before flight. The spanning trees may be based upon a flight plan, and may be stored in a data storage device. Methods and computer readable media are also disclosed.

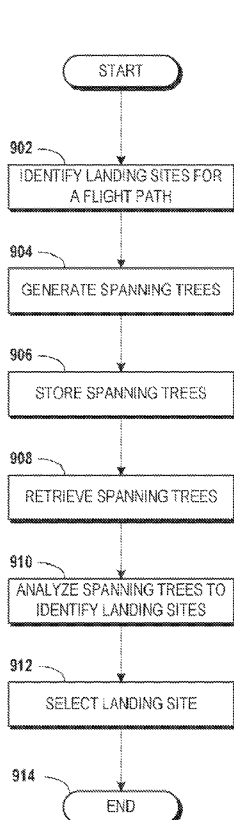


FIG. 9



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, RS, 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))

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

26 January 2012