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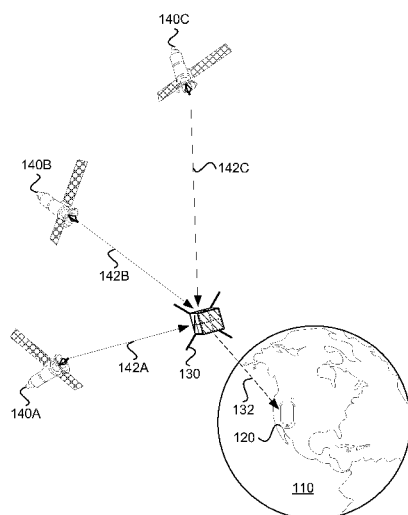


FIG. 1

(57) Abstract: A global positioning system (GPS) and Doppler augmentation (GDAUG) end receiver (GDER) can include a GDAUG module. The GDAUG module can generate a GDER position using a time of flight (TOF) of a transponded GPS signal and a Doppler shift in a GDAUG satellite (GSAT) signal. The transponded GPS signal sent from a GSAT to the GDER can include a frequency shifted copy of a GPS signal from a GPS satellite to the GSAT. The GSAT signal can include a signal generated by the GSAT to the GDER.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER

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ADD.

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)

G01S

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

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

EP0-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	US 6 307 503 B1 (LIU XIANGDONG [US]) 23 October 2001 (2001-10-23) figure 1 column 3, line 6 - line 63 -----	1,7-12, 16-20
A	WO 2011/075707 A1 (AEROVIRONMENT INC [US]; RIOS EDWARD OSCAR [US]) 23 June 2011 (2011-06-23) figure 7 page 12, line 1 - page 14, line 2 ----- -/--	1-20



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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