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(54) Title: TRANSMISSION OF INFORMATION TO A GPS DEVICE

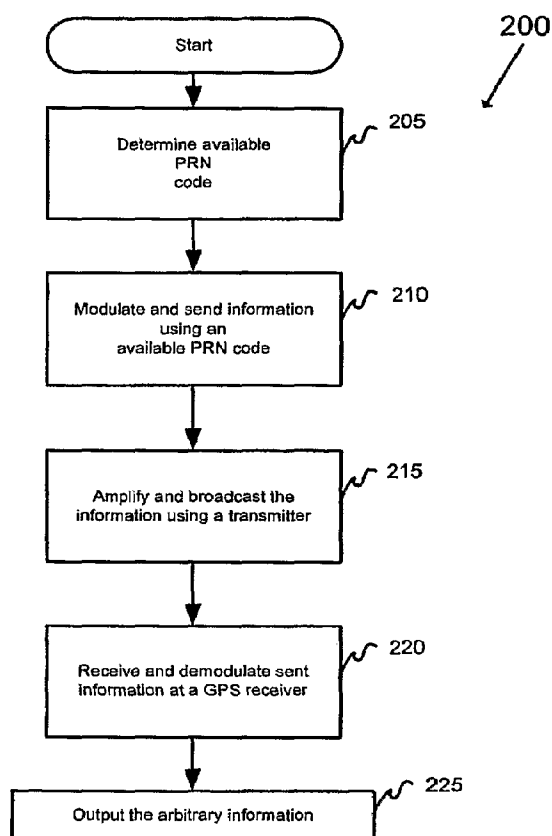


FIG. 4

(57) Abstract: A terrestrial system for transmitting non-GPS information for reception by a global positioning system (GPS) receiver, the system including a processor, a memory coupled to the processor and including computer-readable instructions configured to, when executed by the processor, cause the processor to receive the non-GPS information, determine an available pseudo-random noise (PRN) code, spread the non-GPS information using the available PRN code to provide a spread signal, modulate a GPS carrier frequency using the spread signal to produce a GPS compatible signal, and a terrestrial transmitter configured to transmit the GPS compatible signal.

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FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
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USPC: 342/386

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)

U.S. : 342/386

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)
EAST TEXT SEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| Y | US 2006/0262014 (Shemesh et al) entire document | 1-18 |
| Y | US 6,895,249 (Gaal) entire document | 1-18 |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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