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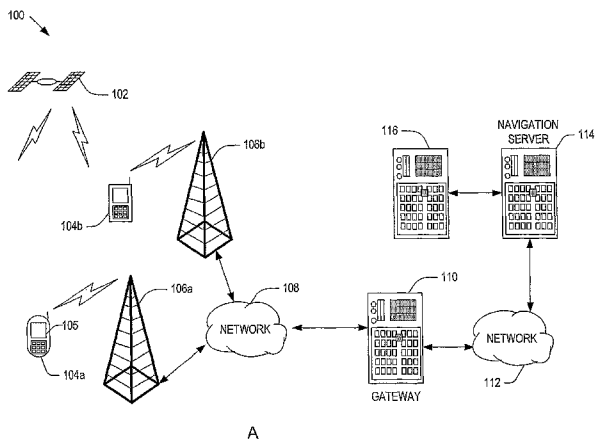
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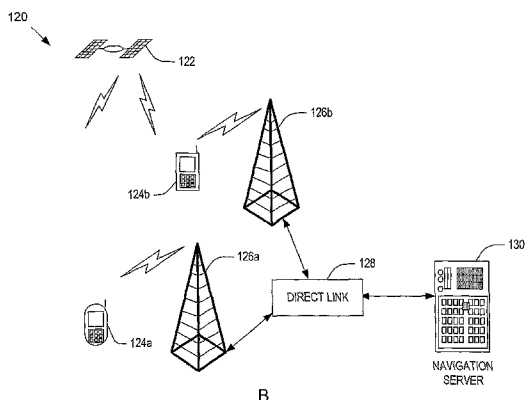
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[Continued on next page]

(54) Title: SYSTEMS AND METHODS FOR PROVIDING NAVIGATION GUIDANCE



A



B

(57) Abstract: Methods and systems for providing navigation guidance in psuedo-navigation/automatic direction indicator modes. Each system includes at least one client (104) integrated with a mobile communication device (e.g. PDA, cellular telephone etc.) and configured to send a request for information of a nominal route to a server (114). The server (114) calculates the nominal route and sends the information to the client (104) via wireless carriers (106) and networks (108). When the user deviates from a nominal route, the client (104) determines a recovery point on the nominal route. Then, the client (104) provides navigation guidance in pseudo-navigation mode or an automatic direction indicator mode without resorting to the server (114) for a new route until the server recovers on the nominal route via the recovery point.

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<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC: G01C 21/32 (2007.01) USPC: 701/210 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 701/ 200, 209, 211, and 26 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWest (USPT, PGPB, EPAB, JPAB); DialogPro(Engineering); Google Scholar Search Terms Used: navigation guidance, server, client, navigation system		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,845,322 B1 (Chao et al.) 18 Jan 2005 (18.01.2005), entire document, especially Abstract col 3, ln 40 - col 10, ln 46.	1-5 and 7-23 ----- 6
Y	US 5,991,688 A (Fukushima et al) 23 Nov 1999 (23.11.1999), entire document, especially Abstract, Fig 3, col 5, ln 15-15, and col 10, ln 1-35	6
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/>		
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774