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(54) Title: A VEHICLE LOCATING UNIT WITH IMPROVED POWER MANAGEMENT METHOD

(57) Abstract: A vehicle locating unit with improved power management. A receiver receives a signal from a network of communication sources. A signal strength monitoring subsystem determines which of the communication sources are transmitting the strongest signals. A power management subsystem is responsive to the signal strength monitoring subsystem and is configured to alternatively enter sleep and wake-up modes, synchronize the wake-up mode to the communication source transmitting the strongest signal, and test the signal strength of at least one additional communication source according to a predefined sequence.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **H04M 1/00**(2006.01)

USPC: 455/574

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. : 455/574

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2007/0207750 A1 (BROWN et al.) 6 September 2007, see the entire reference and abstract.	1-13
A	US 2005/0258806 A1 (JANIK et al.) 24 November 2005, see figs.1-13 and its description.	1-13
A	US 2006/0194549 A1 (JANIK et al.) 31 August 2006, see paragraphs 0025-0094.	1-13

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See patent family annex.

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