

(51) International Patent Classification:

G01S 1/02 (2010.01) **G06K 17/00** (2006.01)
G01S 19/03 (2010.01)

(21) International Application Number:

PCT/US201 1/029063

(22) International Filing Date:

18 March 2011 (18.03.2011)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/3 15.803	19 March 2010 (19.03.2010)	US
-------------	----------------------------	----

(71) **Applicant** (for all designated States except US): **SEEK AND FIND AS** [NO/NO]; Borgenhaug 24, Snaroya, 1367 (NO).

(72) **Inventors; and**

(71) **Applicants : VAN DER LAAK, Frode** [NO/NO]; Borgenhaug 24, N-1367 Snaroya (NO). **JULO, Erik** [NO/NO]; Borgenhaug 24, N-1367 Snaroya (NO). **JULO, Bente** [NO/NO]; Borgenhaug 24, N-1367 Snaroya (NO). **JULO, Marlene** [NO/NO]; Borgenhaug 24, N-1367 Snaroya (NO).

(74) **Agent: BIERMAN, Ellen, M.;** Black Lowe & Graham PLLC, 701 Fifth Avnue, Suite 4800, Seattle, WA 98104 (US).

(81) Designated States (*unless otherwise indicated, for every*

kind of national protection available): AE, AG, AL, AM, 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).

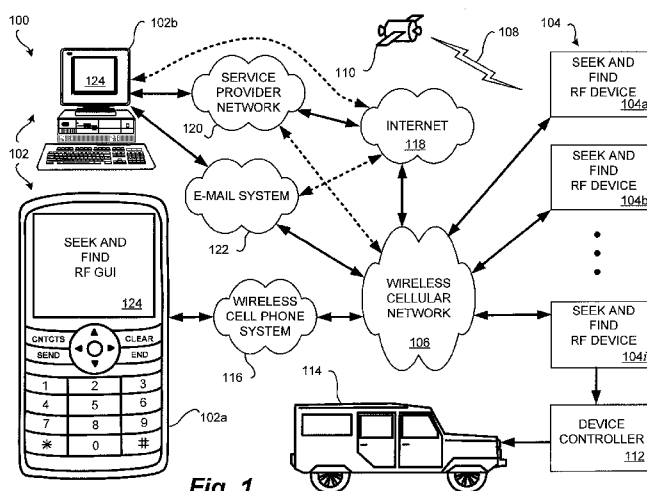
Published:

- 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:

29 December 2011

(54) Title: SEEK AND FIND LOCATION METHOD, SYSTEM AND APPARATUS



(57) Abstract: Methods, systems, and apparatus for locating the seek and find RF device are provided. An exemplary embodiment of a seek and find RF device receives a first RF cell phone signal from a requesting party device, wherein the first RF cell phone signal includes at least a location query requesting location information of the seek and find RF device, and wherein the location query is directed to the seek and find RF device using a mobile device identifier. The seek and find RF device receives at least three GPS satellite signals and determines a location of the seek and find RF device based upon the at least three GPS satellite signals. The seek and find RF device then transmits a second RF cell phone signal, wherein the second RF cell phone signal includes the determined location, and wherein the second RF cell phone signal is directed to the requesting party device using a device identifier.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/029063**A. CLASSIFICATION OF SUBJECT MATTER****G01S 1/02(2010.01)i, G01S 19/03(2010.01)1, G06K 17/00(2006.01)1**

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 1/02; B60R 25/10; G08B 25/04; H04L 12/28; B60R 16/02

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: location, GPS, query, stolen, vehicle

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005-0156715 A1 (JIE ZOU et al.) 21 July 2005 See abstract, claims 1-9 and figure 1	1-8
Y	JP 2005-346647 A (DENSO CORP) 15 December 2005 See abstract, claims 1-11 and figures 1-12	1-8
Y	JP 2002-087185 A (TOYOTA INDUSTRIES CORP) 26 March 2002 See abstract, claims 1-5 and figures 1, 2	1-8
A	JP 2002-104137 A (DENSO CORP) 10 April 2002 See abstract, claims 1-11 and figures 1, 2	1-8
A	JP 2003-281651 A (YAZAKI CORP) 03 October 2003 See abstract, claims 1-14 and figure 1	1-8



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

31 OCTOBER 2011 (31.10.2011)

Date of mailing of the international search report

01 NOVEMBER 2011 (01.11.2011)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 189 Cheongsa-ro,
Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, HYEON HONG

Telephone No. 82-42-481-8527



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2011/029063

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005--0156715 A1	21.07.2005	US 2005-0168353 A1	04.08.2005
JP 2005--346647 A	15.12.2005	JP 04-432628 B2	17.03.2010
		US 2005-0273219 A1	08.12.2005
		US 2006-0293802 A1	28.12.2006
		US 7245997 B2	17.07.2007
JP 2002--087185 A	26.03.2002	None	
JP 2002--104137 A	10.04.2002	JP 04-483061 B2	16.06.2010
		US 2002-0036566 A1	28.03.2002
		US 6608553 B2	19.08.2003
JP 2003--281651 A	03.10.2003	None	