(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
31 December 2008 (31.12.2008)

PCT

(10) International Publication Number
WO 2009/000457 A3

(51) International Patent Classification:
G07B 15/00 (2006.01) *G08G 1/123* (2006.01)

(21) International Application Number:
PCT/EP2008/004936

(22) International Filing Date: 19 June 2008 (19.06.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/767,210 22 June 2007 (22.06.2007) US

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(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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
19 February 2009

(54) Title: AN APPARATUS AND METHOD FOR USE IN LOCATION DETERMINATION

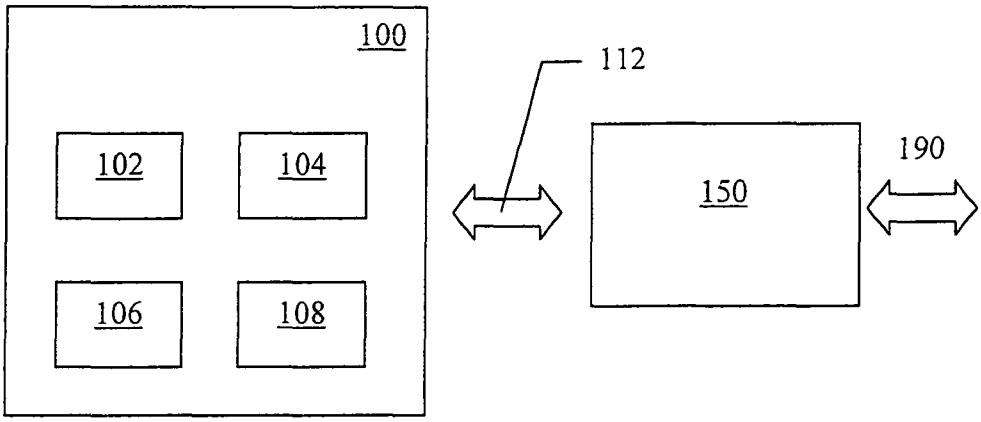

Figure 1

(57) Abstract: An apparatus (100) is provided that includes circuitry (102) configured for location determination arranged to obtain a geographic location of the apparatus; circuitry (104) configured receiving connection point identification data, the connection point identification data useable in providing a wireless communication path to a remote circuitry (150) providing a connection point, and wherein the connection point identification data is associated with a geographic location of the remote circuitry; and circuitry (106) configured for associating one or more instances of the geographic location of the apparatus, as provided by the circuitry configured for location determination, with corresponding instances of the connection point identification data. This associating may be used to cross-check/validate the geographical location provided by the circuitry configured for location determination.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2008/004936

A. CLASSIFICATION OF SUBJECT MATTER
INV. G07B15/00 G08G1/123

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)
G08G G07B G07C

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 practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 490 079 A (SHARPE CLAUDE A [US] ET AL) 6 February 1996 (1996-02-06) column 2, line 62 - column 4, line 8; figures 2,3	1-3, 8-10, 12-16, 18-22,24
A	EP 1 197 924 A (TOYOTA MOTOR CO LTD [JP]; AISIN SEIKI [JP]) 17 April 2002 (2002-04-17) page 4, line 50 - page 6, line 6; figures 1,2	1-3, 8-16, 18-22,24
A	KR 2002 0006015 A (CHOI MYUNG RYUL [KR]; SYMTRA KOREA CO LTD [KR]) 18 January 2002 (2002-01-18) figures 3,4,6,7	1-5,8, 12-16, 18-22,24

☐ 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 document 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 another 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	Date of mailing of the international search report
10 September 2008	09/12/2008

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Heß, Rüdiger

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2008/004936

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search reportcovers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

See annex

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.

☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.

☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-22,24

Reception of connection point identification data to be used in a wireless communication path to a remote connection point, the connection point identification data being associated with a geographic location thereof, wherein at least one instance of the determined geographic location of the apparatus is associated with corresponding instances of the connection point identification data

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2. claim: 23

Determination that a location of the apparatus determined as static is false in case movement of the apparatus has been detected

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/EP2008/004936

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5490079 A	06-02-1996	NONE	
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KR 20020006015 A	18-01-2002	NONE	