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(71) Applicant (for all designated States except US): **SONY ERICSSON MOBILE COMMUNICATIONS AB** [SE/SE]; Nya Vattentornet, S-SE-221 88 Lund (SE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **ÖGREN, Per** [SE/SE]; Per Weijersgatan 2, S-SE-211 34 Malmö (SE).

(74) Agents: **WÄSSINGBO, Tomas** et al.; Sony Ericsson Mobile Communications AB, IPR Department, Nya Vattentornet, S-221 88 Lund (SE).

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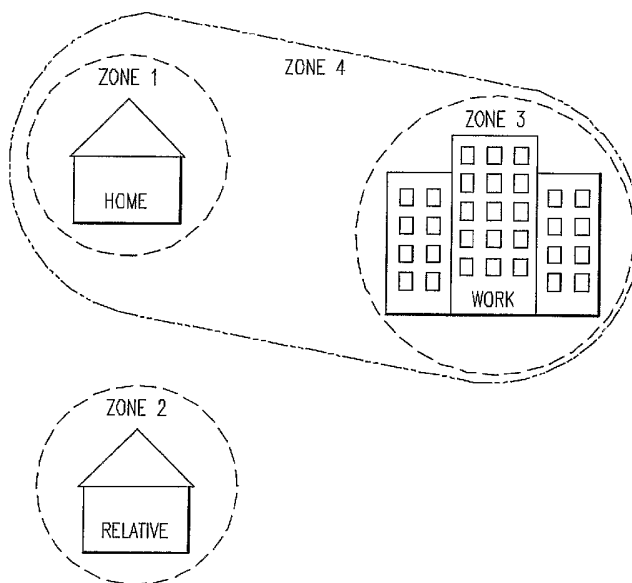
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF AND APPARATUS FOR ZONE DEPENDENT CONTENT IN A MOBILE DEVICE



(57) Abstract: A mobile device comprises a geographic sensor for determining an approximate location of the mobile device, a memory for storing information, and a microprocessor for controlling the device and adapted for receiving data from the geographic sensor and determining whether the mobile device is located in a particular zone. In another embodiment, the mobile device comprises a device sensor for sensing at least one additional mobile device within a predefined area, a memory for storing information, and a microprocessor for controlling the device and adapted for receiving data from the device sensor and determining whether predetermined conditions, regarding additional mobile devices within a predefined area, are met.



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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/006632

**A. CLASSIFICATION OF SUBJECT MATTER**  
H04Q7/32

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)  
H04Q

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.
X	US 2003/073448 A1 (OZEKI SATOSHI ET AL) 17 April 2003 (2003-04-17) paragraphs '0011!, '0012!, '0104! paragraphs '0042! - '0044! paragraphs '0047! - '0052! abstract; claim 1; figure 4	1-12, 31-41
X	US 2002/137524 A1 (BADE STEVEN A ET AL) 26 September 2002 (2002-09-26) abstract; claims 1-7; figure 3 paragraphs '0005!, '0007!, '0021!, '0023!	1-12, 31-41
A	US 2002/132616 A1 (ROSS LORNA R ET AL) 19 September 2002 (2002-09-19) ----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in 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

10 November 2005

Date of mailing of the international search report

14. 12. 2005

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European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Coppieters, S

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/006632

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/62574 A (ERICSSON, INC) 19 October 2000 (2000-10-19) page 1, line 27 - page 3, line 20 page 4, line 11 - line 19 page 5, line 7 - line 30 abstract; figures 1,2 -----	13-30
X	GB 2 368 498 A (* ACTIVERF LIMITED; * BIOMOTIX LIMITED) 1 May 2002 (2002-05-01) page 2, line 10 - line 29 -----	13-30
A	WO 01/50781 A (ERICSSON INC) 12 July 2001 (2001-07-12) page 2, line 18 - page 6, line 5 abstract -----	13-30
A	WO 2004/004246 A (NOKIA CORPORATION; HARTWIG, STEPHAN) 8 January 2004 (2004-01-08) page 4, line 19 - page 6, line 2 page 6, line 19 - page 7, line 19 page 9, line 23 - page 10, line 28 abstract; figure 2 -----	13-30

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP2005/006632

### Box 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 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 all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers 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.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ 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: 1-12,31-41

A mobile device and a corresponding method determining whether the device is located in a particular geographic zone.

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2. claims: 13-23,24-30

A mobile device and a corresponding method using a device sensor to determine whether additional mobile devices are located in a predetermined area.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/006632

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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