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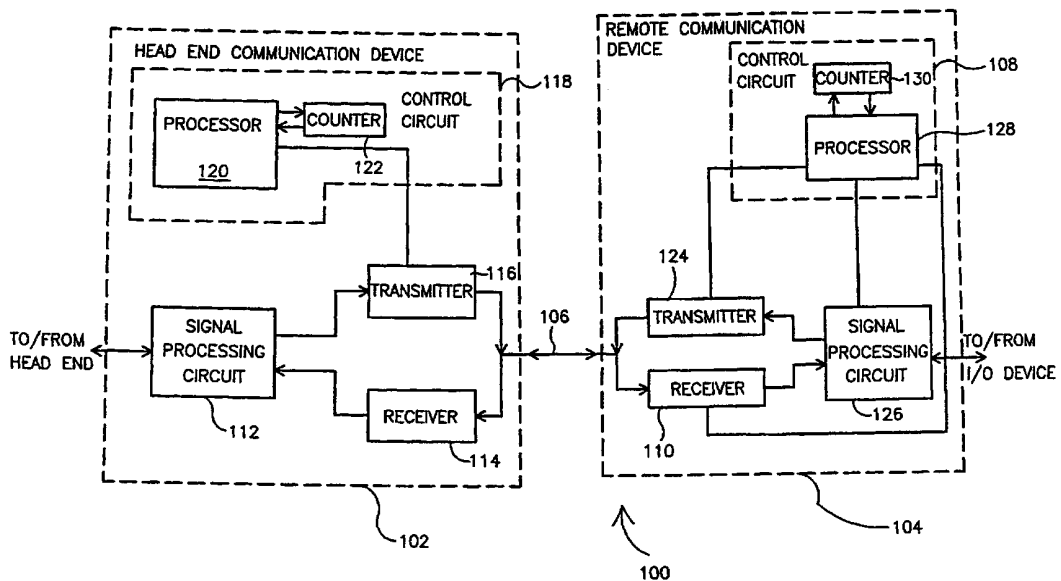
(72) Inventor: SOLUM, Jeff; 4900 West 78th Street, Bloomington, MN 55435 (US).

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(74) Agent: FOGG, David, N.; Fogg, Slifer & Polglaze, P.A., P.O. Box 581009, Minneapolis, MN 55458-1009 (US).

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: REDUCED POWER CONSUMPTION IN A COMMUNICATION DEVICE



(57) Abstract: A method for controlling power consumption in a communication device is provided. The method includes powering down a receiver of the communication device for a selected period of time and, when the selected period of time expires, powering up the receiver to check for incoming data.



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INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/10 H04L12/12 H04L12/28 H04M11/06

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)

IPC 7 H04L H04M 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)

WPI Data, PAJ, 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	WO 98 37653 A (AT & T WIRELESS SERVICES INC) 27 August 1998 (1998-08-27) abstract page 1, line 24 -page 6, line 5 page 11, line 4 -page 13, line 8 page 14, line 6 -page 16, line 3 page 19, line 22 -page 20, line 6 ---	1-9, 11, 17-19
X	EP 0 907 262 A (HEWLETT PACKARD CO) 7 April 1999 (1999-04-07) abstract page 2, line 5 -page 3, line 16 page 4, line 11 -page 5, line 31 page 6, line 5 -page 7, line 42 --- -/--	1-9, 11, 17-19

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

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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.

Z document member of the same patent family

Date of the actual completion of the international search

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Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

 Inter 1al Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 615 364 A (AT & T GLOBAL INF SOLUTION) 14 September 1994 (1994-09-14) abstract column 1, line 1 -column 2, line 48 column 3, line 22 -column 6, line 15 column 7, line 49 -column 8, line 33 column 9, line 15 -column 11, line 51 ---	1,5,6,8, 9
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Y A	---	16 1,6,10, 17
X	WO 97 20430 A (MOTOROLA INC) 5 June 1997 (1997-06-05) abstract page 1, line 11 -page 2, line 17 page 16, line 14 - line 18	12,14,15
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Y A	EP 0 859 515 A (SONY CORP) 19 August 1998 (1998-08-19) column 1, line 3 -column 2, line 46 column 3, line 12 -column 4, line 12	10
Y A	---	1,6,12, 14,17
Y A	EP 0 765 061 A (HEWLETT PACKARD CO) 26 March 1997 (1997-03-26) page 1, line 10 -page 4, line 8 page 4, line 46 -page 5, line 55	10
Y A	---	1,6,12, 14,17
Y A	US 5 729 824 A (CAREY JOSEPH M ET AL) 17 March 1998 (1998-03-17) column 1, line 5 -column 4, line 50 ---	13
Y A	---	1,6,12, 17
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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 761 602 A (MOSS PETER H ET AL) 2 June 1998 (1998-06-02) abstract column 1, line 7 -column 3, line 9 column 3, line 23 -column 5, line 38 column 7, line 34 -column 9, line 8 claims 19,20	16
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INTERNATIONAL SEARCH REPORT

international application No.
PCT/US 00/10176

Box I Observations where certain claims were found unsearchable (Continuation of item 1 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 II Observations where unity of invention is lacking (Continuation of item 2 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: 1-9,11,17-19,
as far as relating to the first invention

A method for controlling power consumption in a communication device, where a part of a receiver is powered down for a period of time, where said receiver is powered up after said period of time to check for incoming data, and where said power-down and power-up operations are carried out at specific times.

2. Claims: 6,10,12-16,
as far as relating to the second invention

A method for controlling power consumption in a communication device, where a part of a receiver is powered down for a period of time, where said receiver is powered up after said period of time to check for incoming data, and where said communication device has a wired connection with a central station .

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/10176

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