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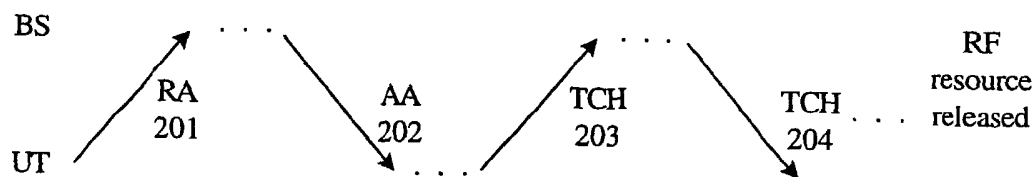
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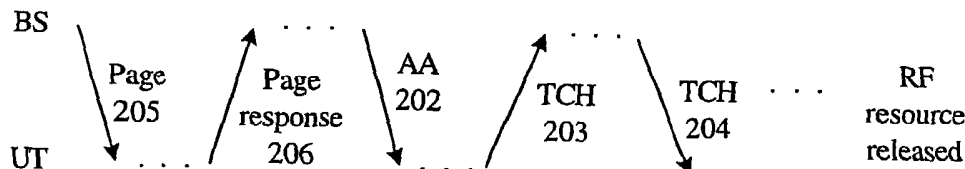
[Continued on next page]

(54) Title: RESOURCE ALLOCATION IN A WIRELESS NETWORK

(A) - UT initiates data transfer



(B) - BS initiates data transfer



(57) Abstract: A data stream is transmitted between a base station and user terminal. A first resource that is available to transmit a page is selected at the base station and the page transmitted from the base station via the first resource. The page is received at the user terminal via the first resource and a second resource that is available to transmit a page response is selected at the user terminal. A page response is transmitted from the user terminal via the second resource in response to the page. A data stream is then transmitted between the base station and user terminal via a third resource. In one embodiment, the first, second and third resources utilize the same sequence of radio frequency resources that follow a hopping sequence among a set of available radio frequency resources. In one embodiment, at least two of the first, second and third resources utilize the same sequence of radio frequency resources. In yet another embodiment, the resources utilize different sequences of radio frequency resources.



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Previous Correction:

see PCT Gazette No. 36/2003 of 4 September 2003, Section II

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.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 02/24302

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/56 H04L12/28

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 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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	WO 99 37106 A (ERICSSON TELEFON AB L M) 22 July 1999 (1999-07-22) page 11, line 14-30 figure 5	1
Y	WO 99 08392 A (NORTHERN TELECOM LTD ;REECE CHRISTOPHER S (US); ERNAM HAKAN (US);) 18 February 1999 (1999-02-18) page 16, line 28 -page 17, line 6 figure 10	1-51
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Z document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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E	WO 03 013078 A (ARRAYCOMM INC) 13 February 2003 (2003-02-13) the whole document -----	1, 18, 27, 40, 44

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Information on patent family members

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