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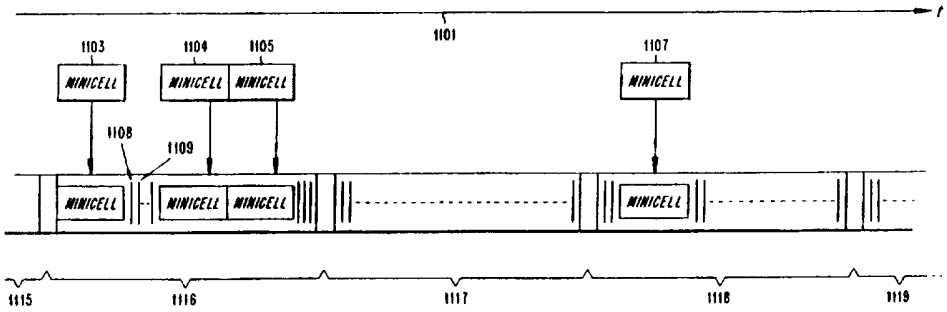
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(54) Title: MINICELL DECOUPLING



(57) Abstract

When using asynchronous transfer mode (ATM) in low bit rate applications, such as cellular voice communication, bandwidth utilization is significantly improved by employing decoupling minicells. Decoupling minicells are of predetermined length, such as one octet, and are inserted into the payload of ATM cells when there is a delay in the availability of assigned minicells. As soon as an assigned minicell, which contains actual user data, becomes available, the assigned minicell can be inserted into the payload of the current ATM cell immediately after the last decoupling minicell. Unlike prior methods, there is no need to wait until the next ATM cell to insert an assigned minicell.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 97/00809

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: H04L 12/56, H04Q 7/36
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)

IPC6: H04L, H04Q

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

SE,DK,FI,NO classes as above

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

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5323395 A (HENRION), 21 June 1994 (21.06.94), column 2, line 19 - column 3, line 8 --	1-25
A	US 4999835 A (LAGOUTTE), 12 March 1991 (12.03.91), abstract --	1-25
A	US 5097466 A (KAMMERL), 17 March 1992 (17.03.92), abstract --	1-25
P,A	WO 9634478 A1 (TELEFONAKTIEBOLAGET LM ERICSSON), 31 October 1996 (31.10.96), page 3, line 29 - page 4, line 36 --	1-25

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Friedrich Kühn Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

Information on patent family members

01/10/97

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