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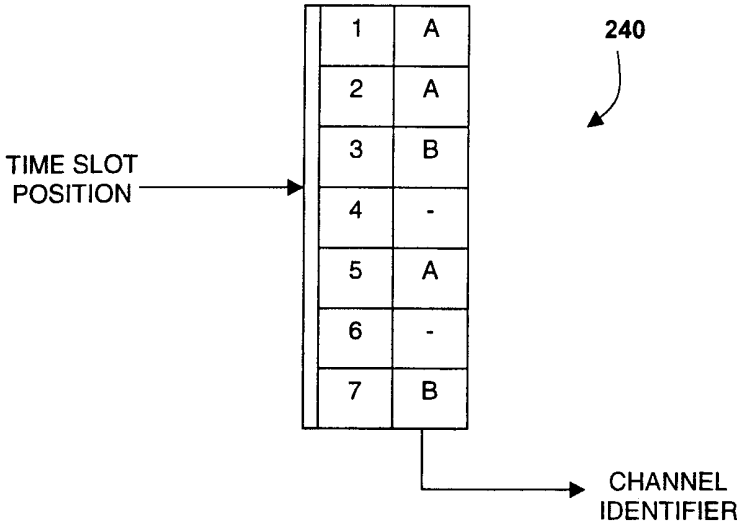
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(54) Title: METHOD AND APPARATUS FOR SWITCHING DATA BETWEEN BITSTREAMS OF A CIRCUIT SWITCHED TIME DIVISION MULTIPLEXED NETWORK

(57) Abstract

The present invention refers to a method and an apparatus for switching data in a circuit switched synchronous time division multiplexed network from a first bitstream, being received at a first port of a switch, to a second and a third bitstream, being transmitted from a second and a third port, respectively, of said switch. According to the invention, data read from a time slot position of said first bitstream at said first port is associated with a channel identifier that identifies a channel that said time slot position forms part of. The channel identifier is then used at said second port for mapping said data into a time slot position of said second bitstream as well as at said third port for mapping said data into a time slot position of said third bitstream.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 98/02359

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: H04Q 11/04, H04L 12/52, H04L 12/43
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, H04J

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)

WPIL, EDOC, INTERNET, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Per Lindgren, "A Multi-Channel Network Arcitecture Based on Fast Circuit Switching", Licentiate Thesis. Royal Institute of Technology, Stockholm, ISSN 1103-534X, May 1996 see page 57-67; page 91 - page 111; page 157 - page 161 --	1-29
Y	WO 9736403 A1 (NET INSIGHT AB), 2 October 1997 (02.10.97), page 8, line 29 - page 10, line 15; page 11, line 32 - page 17, line 27; page 19, line 6 - page 21, line 24, figures 5,7,8,9, claims 1-39 --	1-29

[X] Further documents are listed in the continuation of Box C. [X] See patent family annex.

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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 Erik Johannesson/MN Telephone No. +46 8 782 25 00

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PCT/SE 98/02359

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 2238934 A (ADAPTIVE CORPORATION), 12 June 1991 (12.06.91), page 5, line 19 - page 11, line 35, figure 3, claims 1-24	1-29
X	Christer Bohm, "The DTM Protocol-Design and Implementation", Licentiate Thesis, Royal Institute of Technology, Stocholm, ISSN 1103-534X, February 1994 see page 25-55; fig 5,7,10,13,14,19,23,25,26,28	1-29
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Information on patent family members

01/06/99

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