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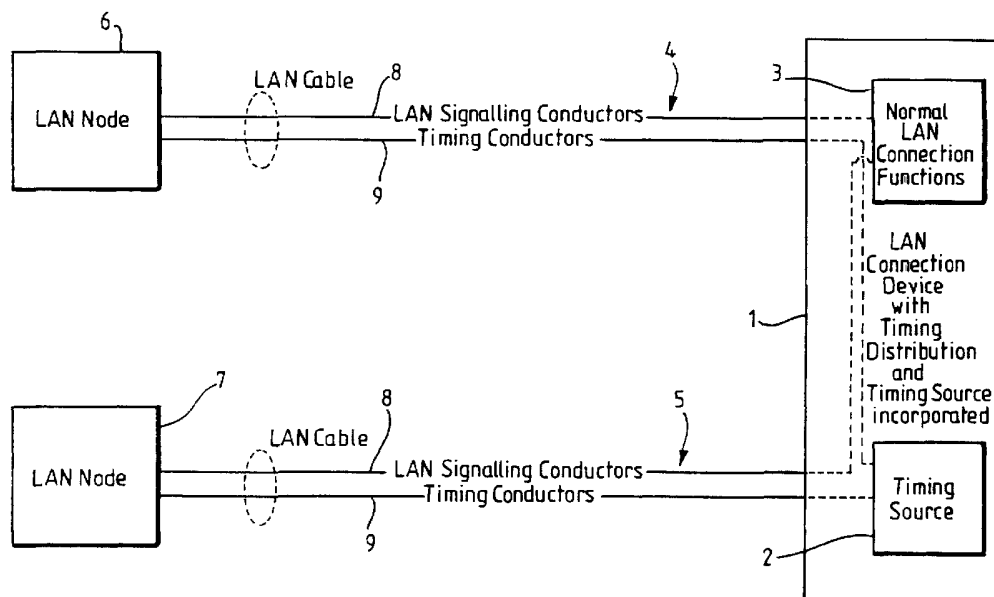
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[Continued on next page]

(54) Title: TIME SYNCHRONISATION



(57) Abstract: A LAN comprises a plurality of nodes (6, 7) connected by LAN cables (14, 15) with conductors (9) dedicated to transmission of timing signals (2) alone or in addition to a power supply for equipment at the node. The conductors (9) may comprise a twisted pair. The conductors (9) may be connected between all ports or may be connected via a wiring box (11). The timing signal may be provided by a source (2) at a LAN connection device (1) or the wiring box (11) or at a node (17).



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L12/10 H04L25/03 H04L7/00 H04B3/54 H01B11/02

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 H04B H01B H04J

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, PAJ, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 735 056 A (MARTIN H ET AL) 22 May 1973 (1973-05-22) column 1, line 26 - line 27 column 2, line 7 - line 64 ---	1-20
X	EP 0 560 237 A (SEL ALCATEL AG) 15 September 1993 (1993-09-15) column 1, line 1 - line 48; figure 1 ---	1-20
X	US 3 922 486 A (DEJEAN JACQUES HENRI) 25 November 1975 (1975-11-25) column 1, line 5 - line 15 column 2, line 68 -column 3, line 11 figure 2 --- -/--	1,12

Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

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Name and mailing address of the ISA 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 <p style="text-align: center;">Pieper, T</p>
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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.
A	US 6 115 468 A (DE NICOLO MAURILIO TAZIO) 5 September 2000 (2000-09-05) abstract column 1, line 32 - line 42 -----	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

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