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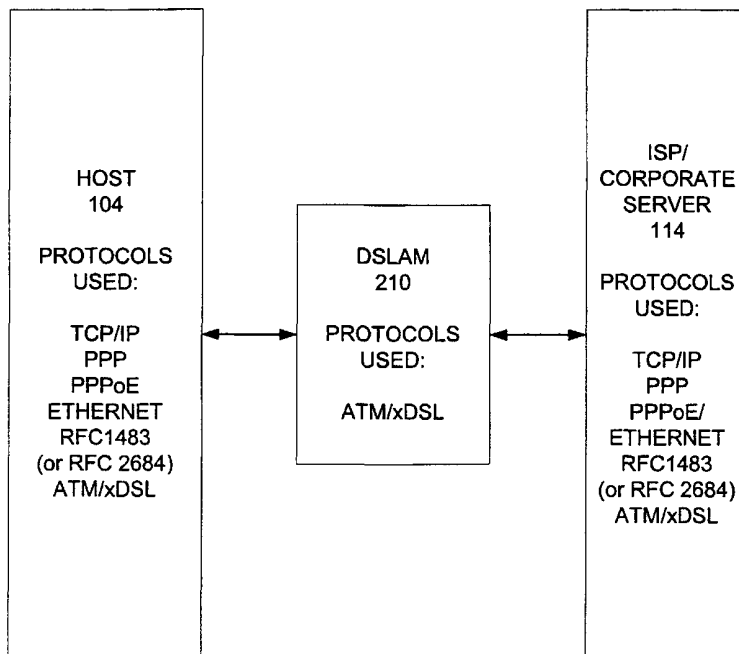
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[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR IMPLEMENTATION OF PPPoE FOR BUS MODEMS

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(57) Abstract: An apparatus and method to implement an improved version of point-to-point (PPP) over the Ethernet (PPPoE) for modem communication between a host computer and a server computer. In a first embodiment, the invention provides a method to use PPPoE to connect a host having an operating system to a server through a computer network. In a second embodiment, the invention provides a computer network using PPPoE to connect a host to a server. In a third embodiment, the invention provides a data processing system using PPPoE.



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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
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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

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00 38371 A (COVAD COMMUNICATIONS COMPANY) 29 June 2000 (2000-06-29) abstract page 1, line 6 - line 25 page 2, line 10 - line 15 page 3, line 21 -page 4, line 17 claims 1,2,15 figure 1	1-20
A	US 5 142 680 A (FLAGG DENIS T ET AL) 25 August 1992 (1992-08-25) abstract column 2, line 20 - line 32 column 2, line 64 -column 3, line 2 claims 1,2	1-20

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
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