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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US98/10592

A. CLASSIFICATION OF SUBJECT MATTER
 IPC(6) :H04L 12/28; H04M 3/42; 11/00; 1/64
 US CL :370/352
 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)
 U.S. : 370/352, 353, 354, 355, 356, 389, 392, 485; 379/89, 90.01, 93.01, 32.07, 93.09, 93.05, 93.35

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 practicable, search terms used)
 APS (PSTN, Internet, call information, ISP, call waiting, voice mail)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, E	US 5,805,587 A (NORRIS et al) 08 September 1998, col. 1, lines 5-47; col. 2, line 7 to col. 3, line 38; col. 4, line 51 to col. 7, line 12.	1-18
A, E	US 5,818,836 A (DUVAL) 06 October 1998.	1-18
A, P	US 5,751,706 A (LAND et al) 12 May 1998.	1-18
A	US 5,608,786 A (GORDON) 04 March 1997.	1-18

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

* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search 10 NOVEMBER 1998	Date of mailing of the international search report 04 JAN 1999
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