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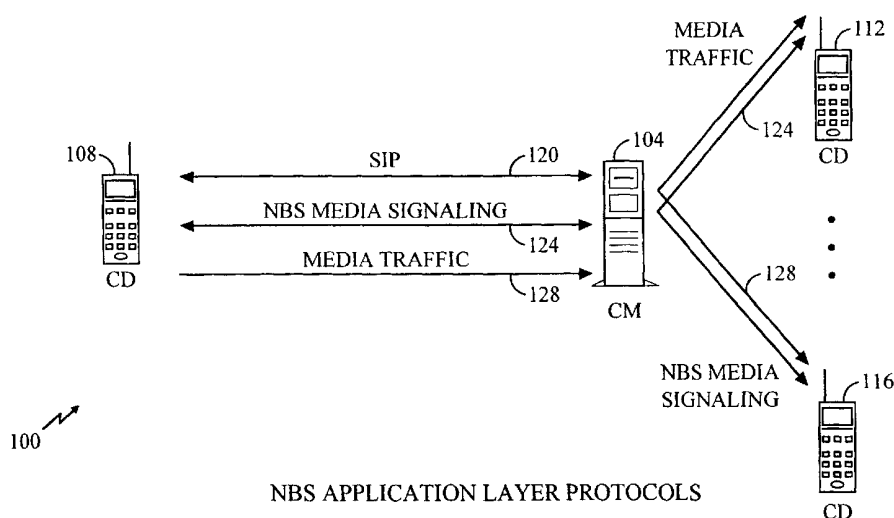
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(54) Title: METHOD AND APPARATUS FOR PARTICIPATING IN GROUP COMMUNICATION SERVICES IN AN EXISTING COMMUNICATION SYSTEM



(57) Abstract: A push-to-talk communication device to participate in a group communication net (100) is claimed. The group communication net (100) comprises a controller (104) to manage the group communication net (100) and interface with the push-to-talk communication devices (108, 112 and 116). A processor converts information signals into packet data suitable for transmission over a distributed network. The processor may also have identification information, and updates its identification information when its current identification information has or is about to change. The processor then transmits its new identification information to the controller (104). The push-to-talk devices (108, 112 and 116) also comprise a transmitter to transmit packet data through a first channel to the controller. A receiver receives packet data through a second channel from the controller. The push-to-talk devices (108, 112 and 116) also comprise a user activated mechanism to activate the transmitter when a user of the communication device wishes to transmit packet data to the controller.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/06741

A. CLASSIFICATION OF SUBJECT MATTER
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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 H04Q H04L

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 290 196 A (MOTOROLA ISRAEL LTD) 13 December 1995 (1995-12-13)	1,2,7, 11-13, 21,26,27
Y	abstract figures 1,3 page 2, line 7 -page 3, line 15 page 4, line 12 - line 21 page 5, line 23 -page 7, line 28 ---	9,23,25, 33
Y	US 5 822 694 A (KREBS JAY R ET AL) 13 October 1998 (1998-10-13) abstract figures 1,2 column 1, line 39 -column 2, line 20 column 5, line 7 - line 43 column 6, line 39 - line 49 --- -/--	9,23,25, 33



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

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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G document member of the same patent family

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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	<p>WO 88 08646 A (MOTOROLA INC) 3 November 1988 (1988-11-03)</p> <p>abstract page 1, line 29 -page 2, line 18 page 9, line 33 - line 36 page 19, line 4 - line 13 -----</p>	<p>1,5,11, 18,25, 26,30</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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