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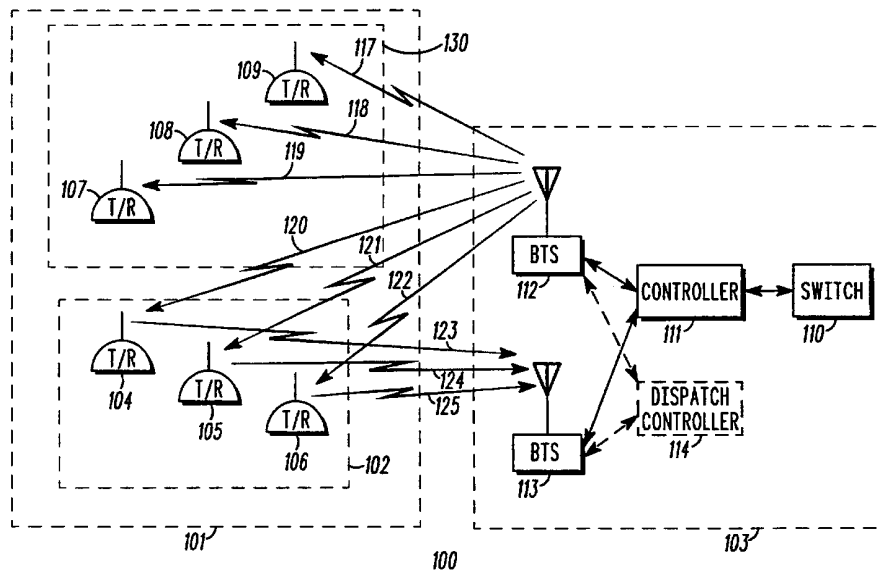
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR A TALKGROUP CALL IN A WIRELESS COMMUNICATION SYSTEM



(57) Abstract: In a wireless code-division multiple access (CDMA) system (100), a talkgroup (101) of subscriber units is provided. A sub-talkgroup (102) of subscriber units, forming a part of the talkgroup is assigned at least one inbound channel (416-417). The talkgroup is assigned outbound channels (415). Members of the sub-talkgroup may simultaneously transmit voice information (410-411) using the at least one inbound channel, which voice information is summed (412) and re-transmitted to the talkgroup using the outbound channels. Voice information is summed so that an individual talker receives summed voice information without the individual subscriber's voice content. Subscriber units in the sub-listengroup are allowed to transmit voice information only after requesting, and receiving, an additional inbound channel.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :H04L 12/16; H04Q 11/00

US CL :370/266, 335, 342

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. : 370/266, 267, 329, 335, 342, 349; 455/512, 518, 519, 514

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST

search terms: talkgroup, inbound code, outbound code, cdma

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,914,958 A (CHINITZ et al), 22 June 1999, col. 5, lines 57.	1-10
A	US 6,005,848 A (GRUBE et al) 21 December 1999, col. 2, line 15- col. 3, line 14.	1-10

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
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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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		

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