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(54) Title: SYNCHRONIZATION OF CALL TRAFFIC IN THE FORWARD DIRECTION OVER BACKHAUL LINKS

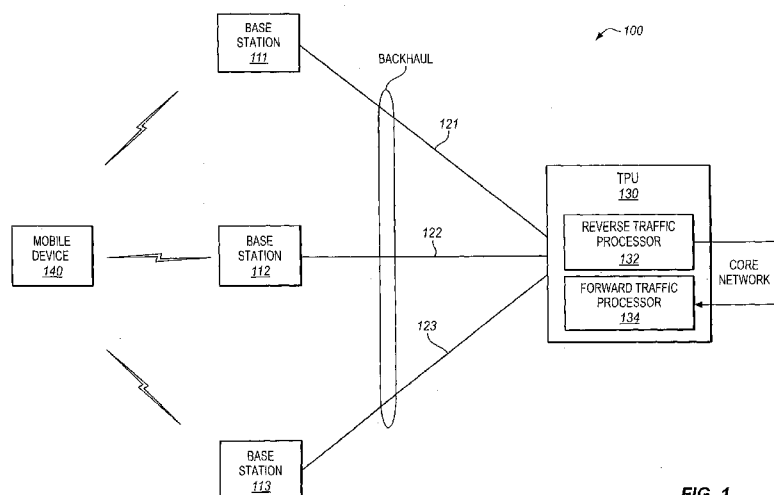


FIG. 1

(57) Abstract: Communication networks (100) and methods are disclosed for synchronizing call traffic in the forward direction over backhaul links (121-123). Within a communication network (100), a traffic processing unit (130) is connected to base stations (111-113) over a plurality of backhaul links (121-123). When the traffic processing unit (130) receives reverse call traffic over the backhaul links, the traffic processing unit (130) processes the reverse call traffic to determine a differential delay in receiving the reverse call traffic over the backhaul links (121-123). The traffic processing unit (130) then receives forward call traffic. In response to receiving the forward call traffic, the traffic processing unit (130) transmits the forward call traffic over the backhaul links (121-123) to the base stations (111-113) based on the differential delay determined for the reverse call traffic. The transmission of the forward call traffic in this manner substantially synchronizes receipt of the forward call traffic at the base stations (111-113).



INTERNATIONAL SEARCH REPORT

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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

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H04B 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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2006/096420 A1 (SPRINT COMMUNICATIONS CO [US]) 14 September 2006 (2006-09-14) page 1, line 24 - page 2, line 8 page 4, line 20 - page 5, line 4 figures 3,4 abstract	1-10
A	WO 95/08899 A1 (NOKIA TELECOMMUNICATIONS OY [FI]; MUSZYNSKI PETER [FI]) 30 March 1995 (1995-03-30) abstract page 6, line 17 - page 7, line 21 page 11, line 22 - page 12, line 11 page 15, line 24 - line 33	1-10
A	GB 2 321 829 A (SAMSUNG ELECTRONICS CO LTD [KR]) 5 August 1998 (1998-08-05) abstract	1-10

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☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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