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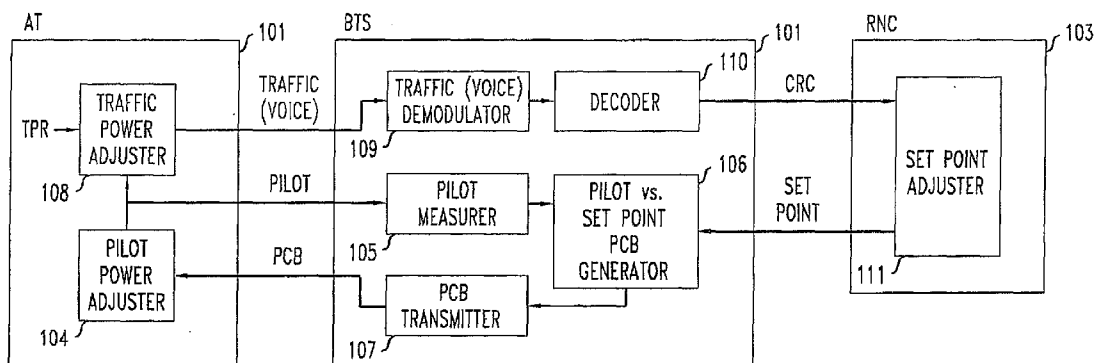
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(54) Title: METHOD OF REVERSE LINK DYNAMIC POWER CONTROL IN A WIRELESS COMMUNICATION SYSTEM USING PER-FLOW QUALITY FEEDBACK FOR MULTI-FLOW DATA TRAFFIC



(57) Abstract: A closed loop power control based on receiving a continuous quality feedback is described. A main reverse link (RL) pilot is controlled by the quality feedback of a substantially continuous delay sensitive traffic stream, such as Voice-over-IP (VoIP), when such a stream is enabled. When such a stream is not enabled, the quality of a continuous RL overhead channel is used to control the pilot power. At the same time, the Traffic-to-Pilot Ratios (TPR) of contemporaneously transmitted delay sensitive data streams are independently adjusted based on a quality feedback associated with each such data stream.

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INTERNATIONAL SEARCH REPORT

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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)
H04B

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, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 509 055 A (SAMSUNG ELECTRONICS CO LTD [KR]) 23 February 2005 (2005-02-23)	1,3-11
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Further documents are listed in the continuation of Box C.

See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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