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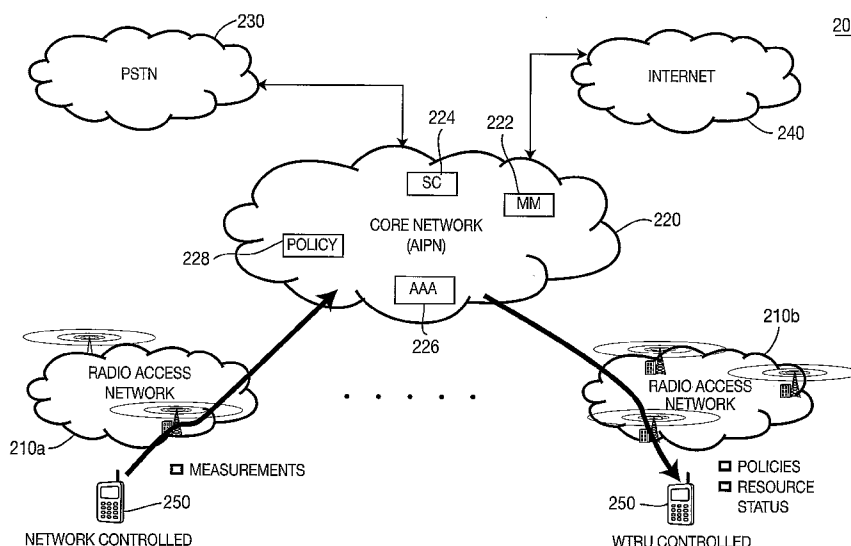
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(54) Title: METHOD AND SYSTEM FOR SUPPORTING AN EVOLVED UTRAN



(57) Abstract: A method and system for supporting an evolved universal mobile telecommunication systems (UMTS) terrestrial radio access network (E-UTRAN) are disclosed. The system includes a wireless transmit/receive unit (WTRU), a UTRAN and an E-UTRAN. The UTRAN sends to the WTRU a list of available radio access technologies in a coverage area of the UTRAN. The list includes information related to the E-UTRAN. The WTRU receives the list and may initiate a handoff based on the list. The WTRU then sends its multi-mode/multi- RAT capability information including the E-UTRAN capability to the UTRAN. The UTRAN then sends a measurement capability message to the WTRU. The measurement capability message includes parameters necessary for performing measurements on an E-UTRAN channel. The WTRU performs measurements based on the measurement capability message and reports measurement results to the UTRAN. The UTRAN may initiate a handoff to the E-UTRAN based on the measurement results.

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