

METHOD AND APPARATUS FOR CONTROLLING CONNECTIVITY TO A NETWORK

Abstract

Method and apparatus for controlling connectivity to a network for intermittent data services are disclosed. A new dormant mode is defined such that a wireless transmit/receive unit (WTRU) may transition from a connected state or an idle state to the dormant mode based on triggering conditions. The WTRU may transition from a connected state or an idle state to a dormant mode if the characteristic or the priority of the data matches a characteristics or a priority for the dormant mode and operate using configuration which is different from configuration used for the connected state or the idle state. The WTRU in the dormant mode may perform a WTRU-controlled mobility procedure. The WTRU in the dormant mode may maintain a dedicated resource, such as a cell radio network temporary identity (C-RNTI), for receiving a unicast traffic from the network.

Fig. 3