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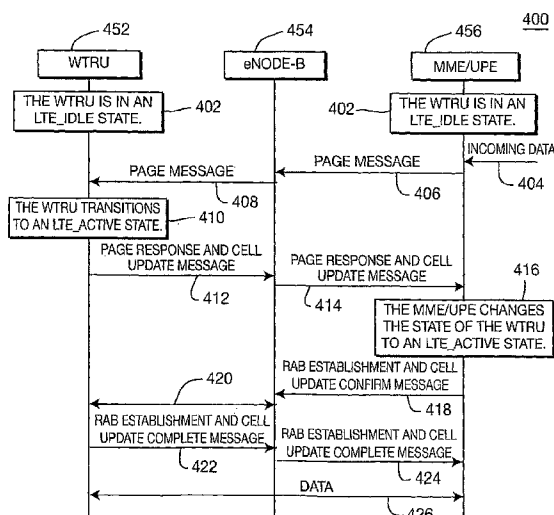
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(54) Title: METHOD AND SYSTEM FOR PERFORMING CELL UPDATE AND ROUTING AREA UPDATE PROCEDURES WHILE A WIRELESS TRANSMIT/RECEIVE UNIT IS IN AN IDLE STATE



(57) Abstract: A method and system for performing cell update and routing area (RA) update procedures while a wireless transmit/receive unit (WTRU) is in an idle state in a third generation (3G) long term evolution (LTE) wireless communication system. When the WTRU receives a page message or has data to transmit while the WTRU is in an idle state, the WTRU transitions to an active state and sends a cell update message to an evolved Node-B (eNode-B). The eNode-B forwards the cell update message to a mobility management entity (MME)/user plane entity (UPE). The MME/UPE changes the state of the WTRU to an active state and takes an action based on the cell update message. When the WTRU moves to a new RA, the WTRU sends an RA update message to the MME/UPE via the eNode-B. The MME/UPE updates the RA of the WTRU based on the RA update message.

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