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(54) Title: METHOD AND APPARATUS FOR MANAGING A COLLISION IN COMMON E-DCH TRANSMISSIONS

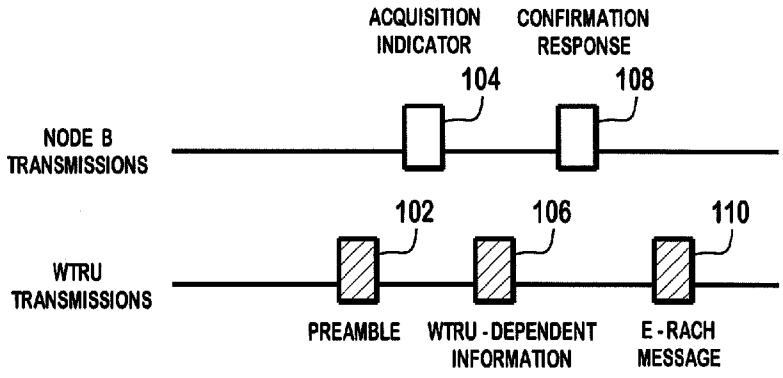


FIG. 1

(57) Abstract: A method and apparatus for managing a collision in random access channel (RACH) access transmissions are disclosed. A wireless transmit/receive unit (WTRU) transmits WTRU -dependent information (106) to confirm that a detected acquisition indicator (AI) (104) is intended to the WTRU. The WTRU - dependent information (106) may be transmitted separately after detecting the AI (104), may be transmitted along with a RACH preamble (102), or may be sent in an E-RACH message (110). The WTRU -dependent information (106) may be a random number, a sequence or scrambling code randomly selected from a predetermined set of sequences or scrambling codes. Alternatively, the WTRU- dependent information (106) may be a pre -configured identifier, or information derived from the pre -configured identifier. Alternatively, after detecting an AI (104), the WTRU may randomly select an enhanced dedicated channel (E-DCH) resource from a set of E-DCH resources associated with an RACH resource used for transmission of the RACH preamble (102) and transmit an E-RACH message (110) using the selected E-DCH resource.

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