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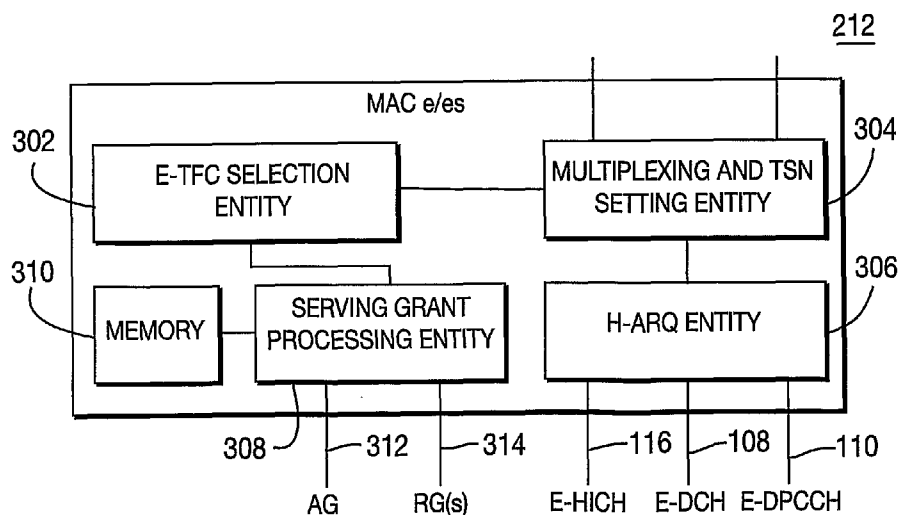
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(54) Title: METHOD AND APPARATUS FOR CONTROL OF ENHANCED DEDICATED CHANNEL TRANSMISSIONS



(57) Abstract: A method and apparatus for controlling enhanced dedicated channel (E-DCH) transmissions are disclosed. An enhanced uplink medium access control (MAC-e/es) entity processes a received scheduling grant to calculate a serving grant. The MAC-e/es entity determines whether both a hybrid automatic repeat request (H-ARQ) process for scheduled data and scheduled data are available. If an H-ARQ process for scheduled data and scheduled data are available, the MAC-e/es entity determines whether a serving grant exists. The MAC-e/es entity calculates a remaining power based on maximum allowed power and restricts an E-DCH transport format combination (E-TFC) based on the remaining power. The MAC-e/es entity selects an E-TFC using the serving grant and generates a MAC-e protocol data unit. The MAC-e/es entity may process the received scheduled grant is at each transmission time interval or may store the received scheduled grant in a grant list until there is E-DCH data to transmit.

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