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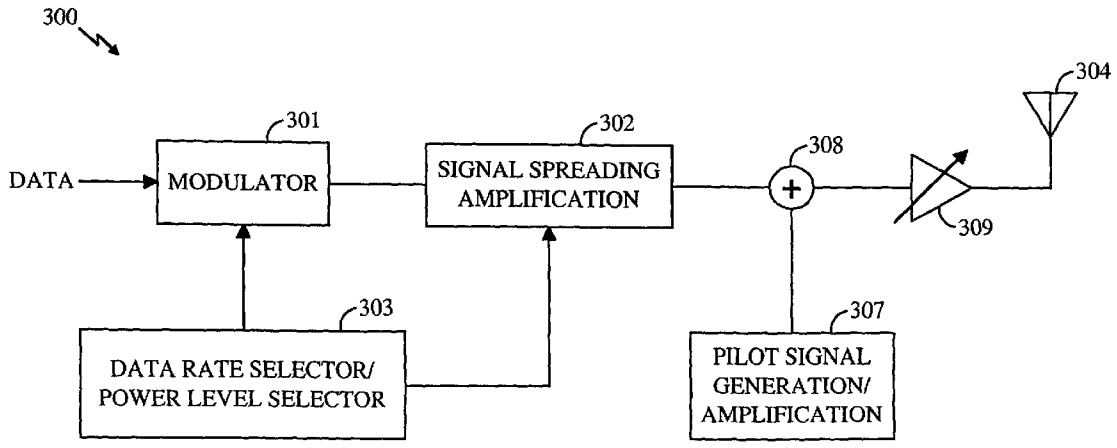
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(54) Title: METHOD AND APPARATUS FOR EFFICIENT USE OF COMMUNICATION RESOURCES IN A CDMA COMMUNICATION SYSTEM



(57) Abstract: A method and accompanying apparatus provides for efficient use of communication resources in a CDMA communication system by controlling a transmitting source (300) for transmitting a packet of data over a data frame at a first data rate and at a power level and re-transmitting the packet of data at a second data rate over at least two frames of data at the power level when a receiving destination fails to decode the packet of data. A data rate and power level selector (303) selects the second data rate lower than the first data rate. The data rate and power level selector (303) determines energy per bit of the packet of data at a ratio of the first and second data rates, and selects the second data rate from the ratio such that the determined energy per bit is at a minimum level.

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