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(54) Title: BEACON-BASED CONTROL CHANNELS

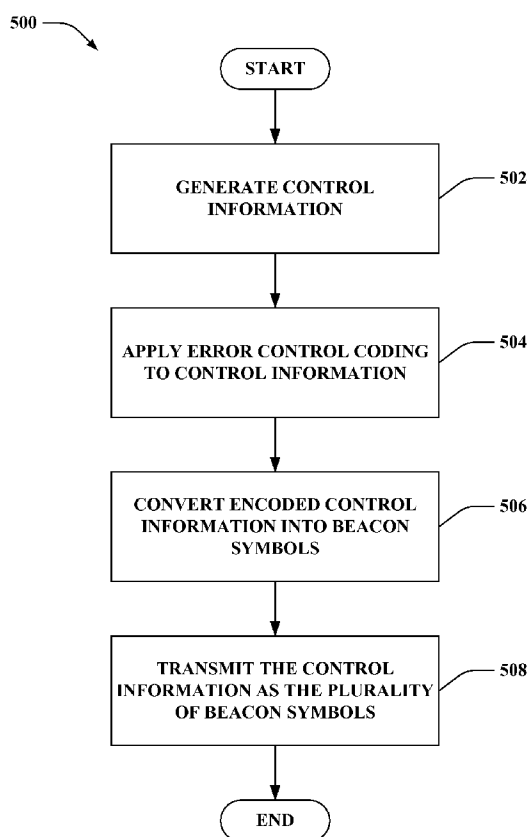


FIG. 5

(57) Abstract: Systems and methodologies are described that facilitate transmitting control information in wireless networks. Portions of bandwidth can be blanked for transmitting control information, and the control information transmitters can utilize beacon symbols to convey the control information. In this regard, interference is mitigated with respect to data transmissions over the control information bandwidth. Selected frequencies of the beacon symbols in a codeword can be used to indicate the control information. The codewords can be encoded with an error control code to provide redundancy for decoding in the presence of some interference.

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