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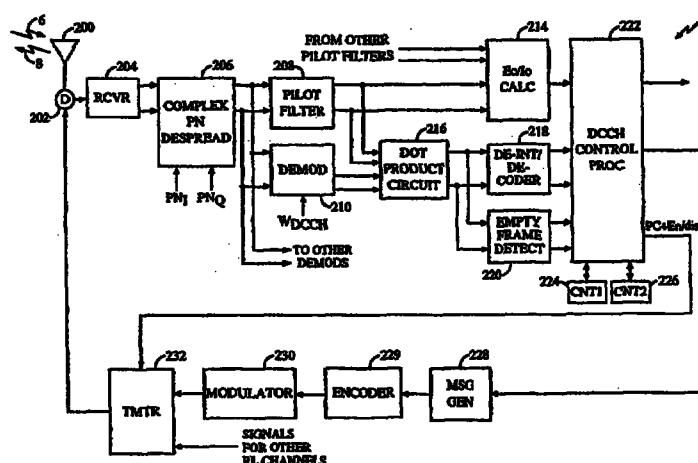
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(54) Title: METHOD AND APPARATUS FOR SUPERVISING A POTENTIALLY GATED SIGNAL IN A WIRELESS COMMUNICATION SYSTEM



(57) Abstract: This is a method and apparatus for supervising a potentially gated channel in a wireless communication system. The mobile station (4) maintains a counter of consecutive bad frames, COUNT1 (224), and a counter of consecutive good frames, COUNT2 (226). COUNT1 (224) and COUNT2 (226) are set to zero at the beginning of a call. For each frame received, the mobile station (4) determines if it is a good, bad, or an empty frame. If the received frame is good, COUNT1 (224) is reset to zero and COUNT2 (226) is incremented by 1. If the received frame is bad, COUNT1 (224) is incremented by one and COUNT2 (226) is reset to zero. If the received frame is empty, COUNT1 (224) and COUNT2 (226) are unchanged. If COUNT1 (224) reaches a threshold value, TH1, the mobile station (4) shall disable its transmitter. Thereafter, if COUNT2 (226) reaches a threshold value, TH2, the mobile station (4) shall re-enable its transmitter.