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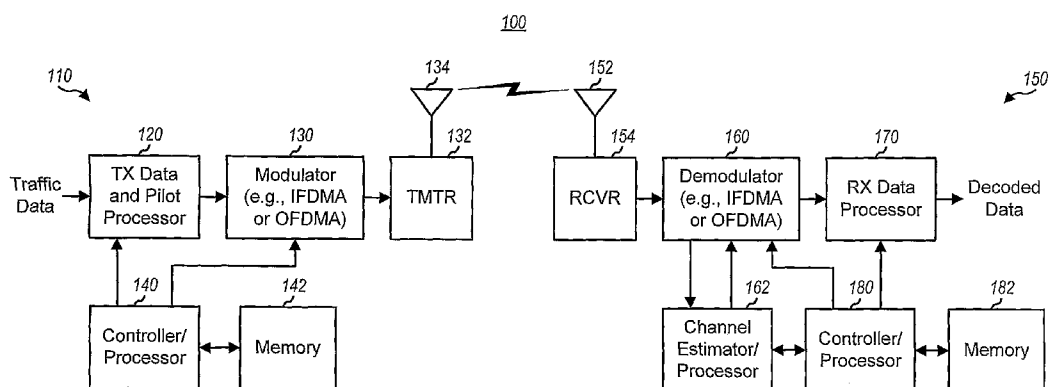
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(54) Title: CONFIGURABLE PILOTS IN A WIRELESS COMMUNICATION SYSTEM



(57) Abstract: Techniques for transmitting configurable pilots in a wireless communication system are described. The placement of pilots is determined based on an assignment of resources for transmission. Different placements of pilots are used for different assignments of resources. The assignment may be for one or more frames and/or one or more H-ARQ interlaces. The placement of pilot(s) in each frame or H-ARQ interlace may be determined based on the placement of pilot(s) in prior frame(s) or H-ARQ interlace(s). Pilots are sent at time and frequency locations determined by the placement of the pilots. Each pilot may be sent on one or more subcarriers in one or more symbol periods. The pilots may be TDM pilots and/or some other type of pilot. The pilots may be sent using IFDMA, LFDMA, EFDMA, OFDMA, or some other multiplexing scheme.