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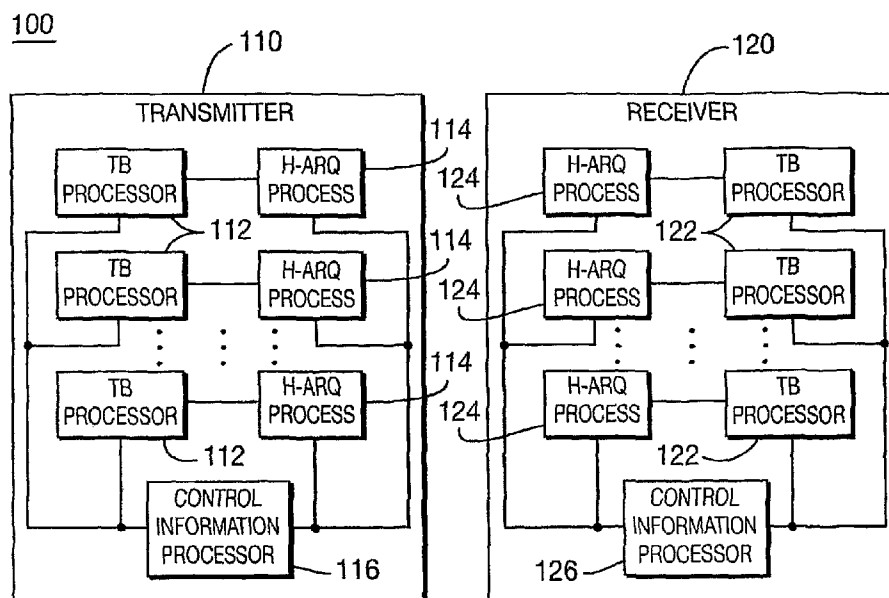
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(54) Title: METHOD AND SYSTEM FOR SUPPORTING MULTIPLE HYBRID AUTOMATIC REPEAT REQUEST PROCESSES PER TRANSMISSION TIME INTERVAL



(57) Abstract: A method and system for supporting multiple hybrid automatic repeat request (H-ARQ) processes per transmission time interval (TTI) are disclosed. A transmitter and a receiver include a plurality of H-ARQ processes to transmit and receive multiple transport blocks (TBs) simultaneously per TTI. The transmitter generates a plurality of TBs and assigns the TBs to multiple H-ARQ processes. The transmitter sends control information for the TBs and H-ARQ processes associated with the TBs to the receiver. The transmitter then sends the TBs using multiple H-ARQ processes simultaneously per TTI. After receiving the TBs, the receiver sends feedback to each of the TBs indicating successful or unsuccessful receipt of each of the TBs to the transmitter.

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