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[Continued on next page]

(54) Title: FLEXIBLE UPLINK CONTROL CHANNEL CONFIGURATION

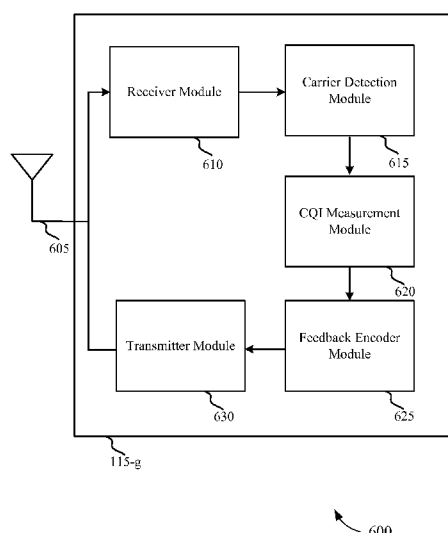


FIG. 6

(57) Abstract: Systems, methods, devices, and computer program products are described for transmission of downlink channel quality information and acknowledgment information in a multi-carrier wireless communication system. Channel quality information may be estimated for a number of downlink carriers. An uplink control channel may be configured in a flexible manner based on the number of activated carriers and whether those carriers are configured with MIMO. The feedback cycle for the channel quality information may remain constant.



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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
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- *with international search report (Art. 21(3))*