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(54) Title: QUEUE MANAGEMENT FOR PACKET TRANSMISSION IN SATELLITE COMMUNICATION SYSTEM

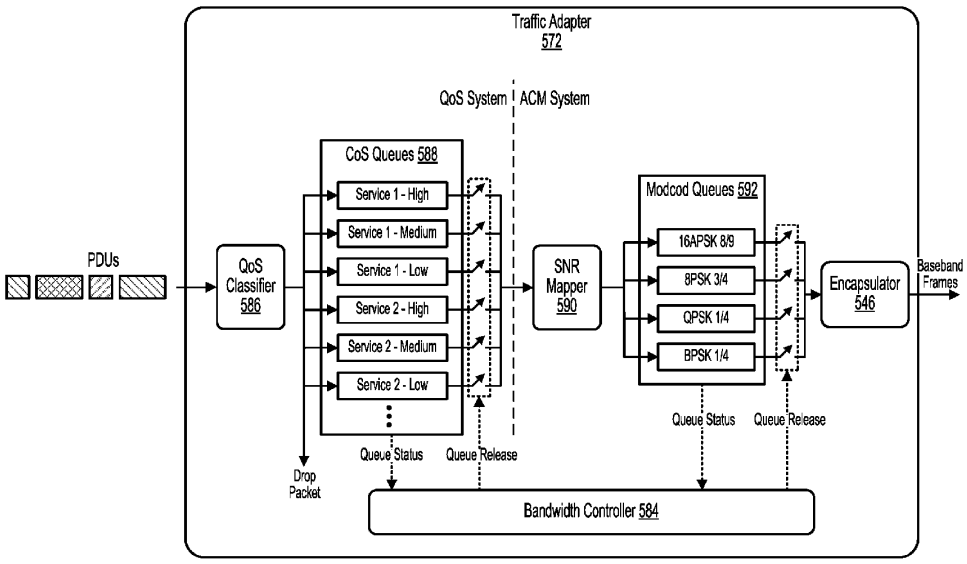


FIG. 5

(57) **Abstract:** Described herein are systems, methods, and other techniques for managing queues for transmission of PDUs in a satellite communication system. The PDUs are received at a gateway having a first set of queues corresponding to different CoSs and a second set of queues corresponding to different Modcod schemes. The PDUs are loaded into the first set of queues in accordance with a set of CoS assignments. An available bandwidth in the second set of queues is allocated amongst the first set of queues. The PDUs are released from the first set of queues in accordance with the allocated available bandwidth. The PDUs are loaded into the second set of queues in accordance with a set of Modcod scheme assignments for the PDUs. The PDUs are released from the second set of queues for transmission in the satellite communication system.

[Continued on next page]

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