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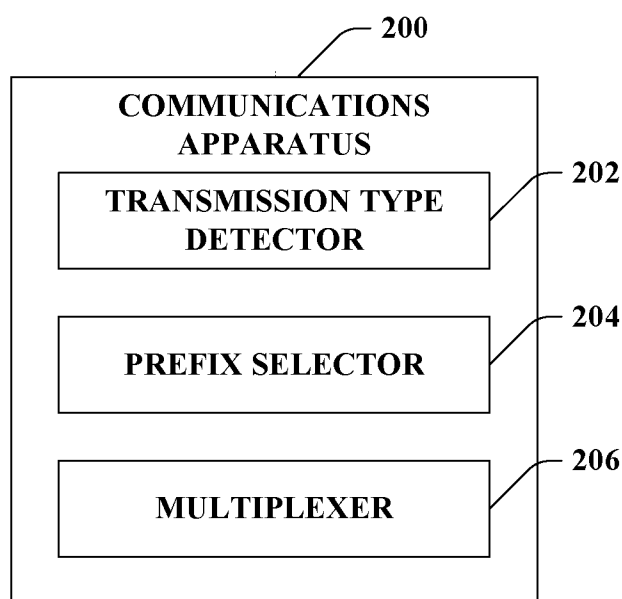
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(54) Title: PILOT STRUCTURE WITH MULTIPLEXED UNICAST AND SFN TRANSMISSIONS



(57) Abstract: Systems and methodologies are described that facilitate multiplexing unicast reference symbols and multicast transmissions in the same transmission time interval. In particular, mechanisms are provided that enable multiplexing unicast reference symbols to single frequency network transmissions that utilize a longer cyclic prefix duration. Unicast reference symbols are sent in a first symbol of a slot containing both unicast and single frequency network transmissions. The frequency utilized for the unicast reference symbols is staggered between the first symbol and a subsequent symbol in a sub-frame.

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