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(54) **Title:** METHOD AND ARRANGEMENT FOR UPLINK POWER CONTROL

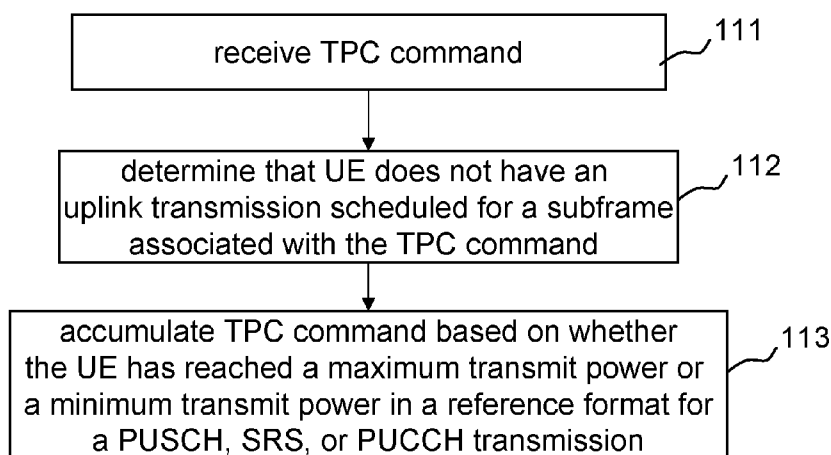


Fig. 11

(57) **Abstract:** The disclosure relates to methods and devices for performing uplink power control in a radio communication system. An example method comprises a step of receiving (111), at a user equipment (UE) a transmit power control (TPC) command. The method also comprises, if the UE does not have an uplink transmission scheduled for a subframe associated with the TPC command, a step of accumulating (113), by the UE, the TPC command with previously received TPC commands based on whether the UE has reached a maximum transmit power or a minimum transmit power in a reference format for a Physical Uplink Shared Channel (PUSCH), Sounding Reference Signal (SRS) or Physical Uplink Control Channel (PUCCH) transmission. Thus the UE is enabled to receive TPC commands while the UE is not transmitting anything in the uplink.

