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(54) **Title:** FULL POWER UPLINK TRANSMISSION ENHANCEMENT

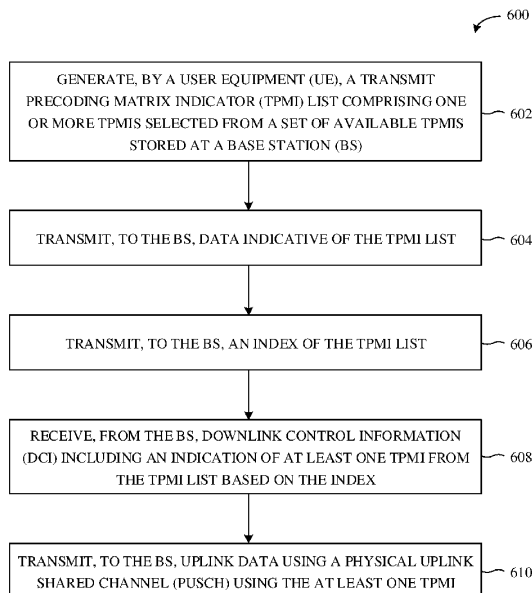


FIG. 6

(57) **Abstract:** A method for operating user equipment (UE) includes generating, by the UE, a transmit precoding matrix indicator (TPMI) list including one or more TPMIs selected from a set of available TPMIs stored at a base station (BS). Data indicative of the TPMI list is transmitted to the BS. An index of the TPMI list is transmitted to the BS. Downlink control information (DCI) is received from the BS including an indication of at least one TPMI from the TPMI list based on the index. Uplink data is transmitted to the BS on a physical uplink shared channel (PUSCH) using the at least one TPMI.

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