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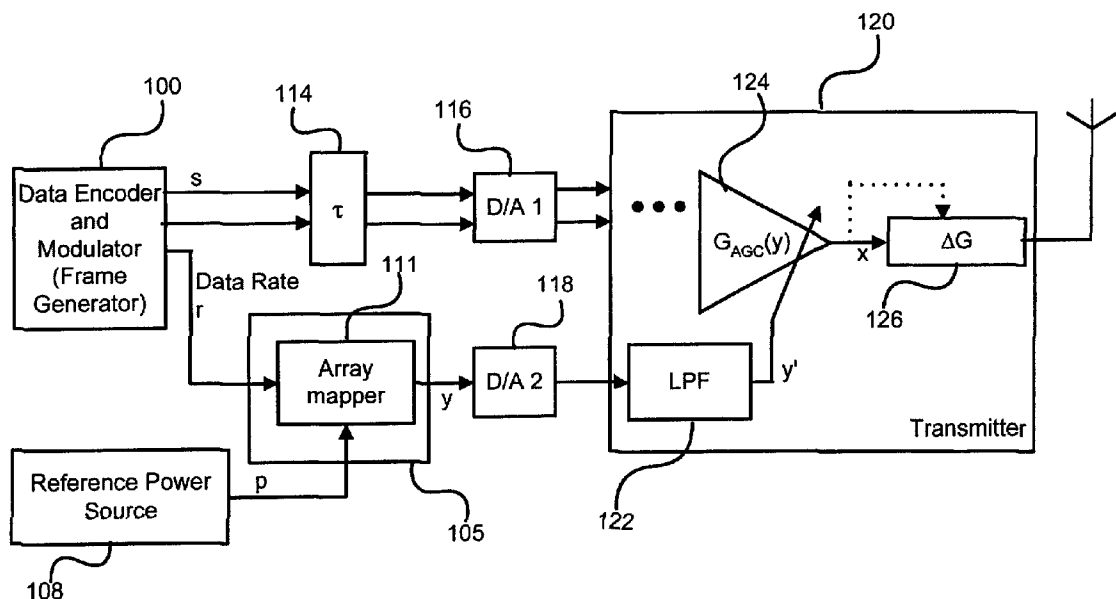
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(54) Title: METHOD AND APPARATUS FOR REGULATING THE TRANSMITTED POWER IN MULTI-RATE WIRELESS COMMUNICATION SYSTEMS



(57) Abstract: A method and apparatus for regulating Tx power in a multi-rate mobile device transmitter containing signal dependent gain stages. A data rate and signal format indicator signal corresponding to the transmitted signal, and a desired reference power signal are fed to a mapper that outputs a calibration value based on the desired reference power level at the antenna. The calibration value controls the power amplifier gain characteristics in real time.

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