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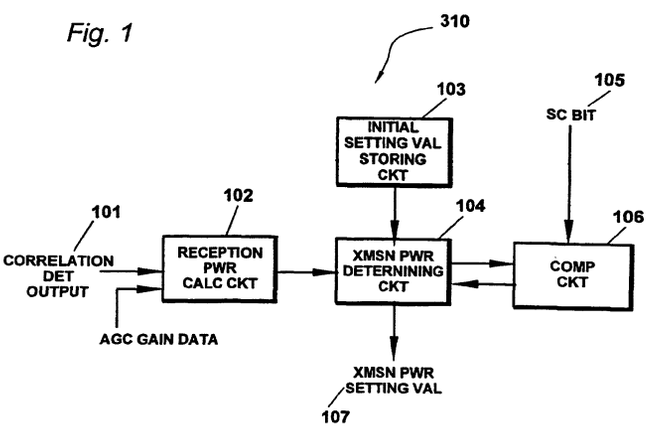
Remarks:
This application was filed on 12 - 09 - 2003 as a divisional application to the application mentioned under INID code 62.

(54) **Transmission power control method in a CDMA communication system and communication apparatus**

(57) A method is disclosed for effecting transmission power control in a CDMA communication system comprising a base station and a mobile station. According to this method, the mobile station stores a relation between the detected electric power of a desired wave component of a received first CDMA signal and a second CDMA radio wave signal transmitted from the mobile. This stored relation is compensated in accordance with control data detected in the received first CDMA signal and used to determine actual transmission power of the second CDMA radio wave signal. The base station receives the second CDMA radio wave signal from the mobile and generates control data in accordance with a traffic variation.

Fig. 1



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