

Title (en)  
CELLULAR COMMUNICATIONS POWER CONTROL SYSTEM

Title (de)  
LEISTUNGSREGELSYSTEM FÜR ZELLULARKOMMUNIKATION

Title (fr)  
SYSTEME DE COMMANDE DE PUISSANCE DE COMMUNICATION CELLULAIRE

Publication  
**EP 0801850 A1 19971022 (EN)**

Application  
**EP 95914953 A 19950327**

Priority  
US 9503898 W 19950327

Abstract (en)  
[origin: WO9631009A1] Two-way adaptive power control and signal quality monitoring and power control responsive thereto are provided for controlling the power output levels of transmitters (210) to the minimum necessary for satisfactory communications. Each transmission includes a code representative of the transmitter output power level. Receivers (212) compare this code to the received signal strength and adjust their associated transmitter power output level accordingly. Bit error rate (218) and SNR (223) are monitored by receivers to develop a measure of signal quality (220). A signal quality code is transmitted (250) to remote units and transmission output power level is adjusted in response.

IPC 1-7  
**H04B 1/034**; **H04B 7/26**; **H04M 11/00**

IPC 8 full level  
**H04B 1/034** (2006.01); **H04B 7/005** (2006.01); **H04B 7/26** (2006.01); **H04M 11/00** (2006.01)

CPC (source: EP)  
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Citation (search report)  
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