

Title (en)

POWER CONTROL DEVICE AND METHOD FOR MOBILE COMMUNICATION SYSTEM

Title (de)

LEISTUNGSSTEUERUNGSVORRICHTUNG UND VERFAHREN FÜR EIN MOBILFUNKSYSTEM

Title (fr)

DISPOSITIF DE COMMANDE DE PUISSANCE ET PROCEDE POUR UN SYSTEME DE COMMUNICATION MOBILE

Publication

**EP 1021921 A1 20000726 (EN)**

Application

**EP 99925448 A 19990614**

Priority

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- KR 19980022219 A 19980613

Abstract (en)

[origin: WO9966744A1] A power control device for a mobile station in a CDMA communication system including a base station which transmits a traffic signal via one of at least two antennas and transmits a common channel signal via another antenna. The device comprises a receiver for receiving the transmitted traffic and common channel signals via one antenna; an interference power measurer for measuring power of an interference signal output from the receiver; a common channel power measurer for measuring power of the common channel signal output from the receiver; a traffic channel power measurer for measuring power of the traffic signal output from the receiver; a power control bit generator for generating a power control bit for a traffic-OFF channel which has transmitted the common channel signal by operating the power of the pilot and interference signals; and a multiplexer for multiplexing the power control bit to a reverse link channel.

IPC 1-7

**H04Q 7/20**; **H04B 7/005**

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 9966744A1

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DOCDB simple family (publication)

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