Title (en)
METHOD FOR PROTECTING POWER CONTROL COMMANDS USED FOR UPLINK POWER CONTROL

Title (de)
VERFAHREN ZUM SCHUTZ VON LEISTUNGSREGELUNGSBEFEHLEN ZUR LEISTUNGSSTEUERUNG IN EINER AUFWÄRTSVERBINDUNG

Title (fr)
METHODE DE PROTECTION DES COMMANDES DE REGLAGE DE PUISSANCE UTILISEE POUR LE REGLAGE DE PUISSANCE VERS L'AMONT

Publication
EP 1068678 A1 20010117 (EN)

Application
EP 99925496 A 19990401

Priority
• SE 9900548 W 19990401
• US 5779298 A 19980409

Abstract (en)
[origin: WO9953630A1] A method adjusts the output power offset between a first signal and a second signal transmitted from a base station to a remote station in a communication system including at least one base station and at least one remote station. The first signal may be a power control command for controlling the power of signals transmitted uplink from the remote station to the base station, and the second signal may be downlink information. A determination is made whether the remote station is in macrodiversity, i.e., receiving substantially the same signal simultaneously from more than one base station, and the output power offset between the first and second signals is adjusted based on this determination. The output power offset may be set at a first level if the remote station is in macrodiversity and at a second level if the remote station is not in macrodiversity. Alternately, whether or not the remote station is in macrodiversity, the output power offset may be adjusted based on a required quality calculated from a determined characteristic of a signal.

IPC 1-7
H04B 7/005; H04Q 7/38

IPC 8 full level
H04B 7/005 (2006.01); **H04Q 7/38** (2006.01); **H04W 52/36** (2009.01); **H04W 52/40** (2009.01); H04Q 7/32 (2006.01); H04W 52/00 (2009.01); H04W 52/60 (2009.01)

CPC (source: EP)
H04W 52/362 (2013.01); **H04W 52/367** (2013.01); **H04W 52/40** (2013.01); H04W 52/60 (2013.01)

Citation (search report)
See references of WO 9953630A1

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
WO 9953630 A1 19991021; AU 4175999 A 19991101; CA 2325731 A1 19991021; CN 1296675 A 20010523; EP 1068678 A1 20010117

DOCDB simple family (application)
SE 9900548 W 19990401; AU 4175999 A 19990401; CA 2325731 A 19990401; CN 99804935 A 19990401; EP 99925496 A 19990401