

Title (en)
POWER CONTROL SETTING IN A LOW POWER NETWORK NODE

Title (de)
LEISTUNGSSTEUERUNGSEINSTELLUNG BEI EINEM NETZWERKKNOTEN MIT NIEDRIGER LEISTUNG

Title (fr)
RÉGLAGE DE COMMANDE DE PUISSANCE DANS UN N UD DE RÉSEAU DE FAIBLE PUISSANCE

Publication
EP 2497306 A1 20120912 (EN)

Application
EP 09749089 A 20091103

Priority
EP 2009064544 W 20091103

Abstract (en)
[origin: WO2011054374A1] There is proposed a mechanism for setting power control settings for uplink power control in a network element controlling a communication connection to and from a user equipment, such as a base station or an eNodeB controlling a so-called femto cell (HeNB). The power control parameters of a HeNB are adjusted according to the position of the femto cell with respect to the served area of the "umbrella" Macro eNB. The HeNB may adjust the parameters autonomously, e.g. based on own measurements of the surrounding macro eNB, wherein path loss measurements, power control parameters and further parameters, such as a power margin and/or a worst case path-loss, provided by the network are considered. The HeNB adjusts the power control related parameters such that no UE connected to it transmits with more than a predetermined maximum power.

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CPC (source: EP)
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Citation (search report)
See references of WO 2011054374A1

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