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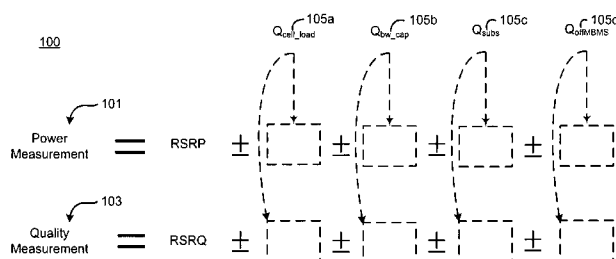


Fig. 1

(57) Abstract: A method of cell reselection in a wireless communications system where parameters are transmitted by the network in system information blocks to WTRU's on the network. Parameters are either added or subtracted from an equation representing the signal power and/or quality of a cell. Parameters may be prioritized. The results of the calculations are used to rank the servicing cell and neighboring cells. If a neighboring cell has a higher quality than the servicing cell, then the WTRU reselects the better cell. The network may transmit a blacklist of cells where the WTRU cannot camp as well as a barring timer for each cell where if the timer expires, the cell may again be considered for reselection. Information germane to the reselection decision may be transmitted and used by the network.



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