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Remarks:

This application was filed on 15 - 01 - 2004 as a divisional application to the application mentioned under INID code 62.

(54) **Traffic channel selecting method and base station equipment**

(57) A decision is made as to whether a radio base station acting as an interference source is present in a macrocell or microcell, so that the interference from a mobile station transmitting at high power can be prevented in advance. The base station inserts its transmission power value of a forward broadcast channel into broadcast information. A newly installed base station C, receiving a forward frequency band, measures the received level of the broadcast channel, and captures the transmitted power value.

A propagation loss is calculated from the received level of the broadcast channel and the transmission power value acquired, and a decision is made that the channel is available, if the propagation loss is less than a certain value, and the received level is less than the threshold value.

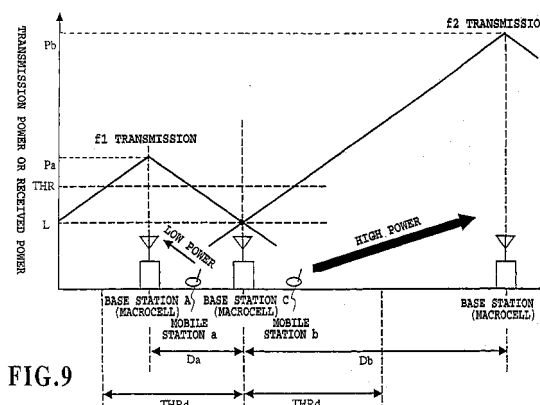


FIG.9