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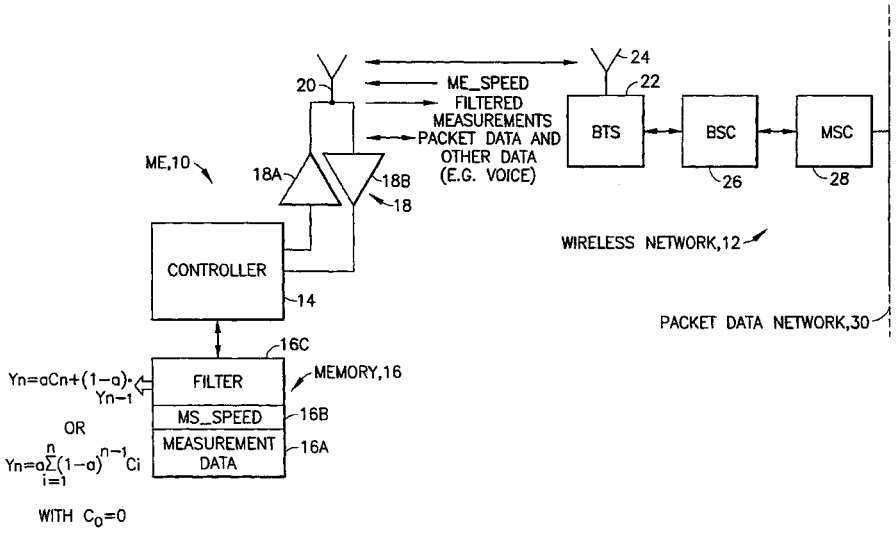
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(54) Title: MOBILE EQUIPMENT BASED FILTERING FOR PACKET RADIO SERVICE APPLICATIONS



(57) Abstract: A method for operating a mobile equipment (ME 10) in a wireless network (12), the method having steps of (A) determining a parameter that is indicative of a signal quality; (B) calculating in the ME an indication of link quality, by means filtering having a filter length that is a function of the determined parameter, such as speed or derivative of the speed of the ME; and (C) reporting the calculated indication of link quality to the wireless network. Preferably the ME speed indication is transmitted in te padding bits of the point-to-point message. The indication of ME speed is used to one of modify or replace a forgetting factor "a" which influences the length of a running average filter that operates on link quality measurement data, such as a mean Bit Error Probability (BEP) or a coefficient of variation of the BEP.

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