

Annex 1 to the Statement of Grounds for Amendment for EP (UK) 1 623 511 B1

Claim 1

A radio station (100) comprising transmitter means (110) for transmitting over a channel in a predetermined time period (0 to t_f) a data block comprising information symbols (I) and parity check symbols (C) and control means (150) responsive to an indication of a reduction in channel quality according to a first criterion for decreasing the data transmit power and responsive to an indication within the predetermined time period of an increase in channel quality according to a second criterion for increasing the data transmit power, wherein, during operation, after decreasing the transmit power following the first criterion being met and before the second criterion is met, the radio station continues to transmit a control signal with varying power to continue to track changes in channel quality to some extent.

Claim 24

A method of operating a radio communication system (100, 200), comprising, at a first radio station (100), transmitting (500) over a channel in a predetermined time period (510, 550) to a second radio station (200) a data block comprising information symbols (I) and parity check symbols (C), and, in response to an indication of a reduction in channel quality according to a first criterion (520), decreasing the data transmit power (530) and, in response to an indication within the predetermined time period (550) of an increase in channel quality according to a second criterion (560), increasing the data transmit power (570), wherein, during operation, after decreasing the transmit power following the first criterion being met and before the second criterion is met, the radio station continues to transmit a control signal with varying power to continue to track changes in channel quality to some extent.