ABSTRACT OF THE DISCLOSURE

A digital magnetic reproducing apparatus includes an apparatus for partial response (PR) equalizing a signal which is reproduced from a magnetic recording medium and is error correction code (ECC) encoded and outputting a PR equalized sequence, a Viterbi detector for performing a maximum likelihood sequence presumption on the PR equalized sequence and outputting a maximum likelihood sequence, and an ECC decoder for ECC decoding the maximum likelihood sequence. The Viterbi detector detects an erasure error at the time of the maximum likelihood sequence presumption and outputs erasure error information indicating that an erasure error is detected and showing a position of the detected error in the sequence together with the maximum likelihood sequence, and the ECC decoder executes an ECC decoding by using the erasure error information.

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