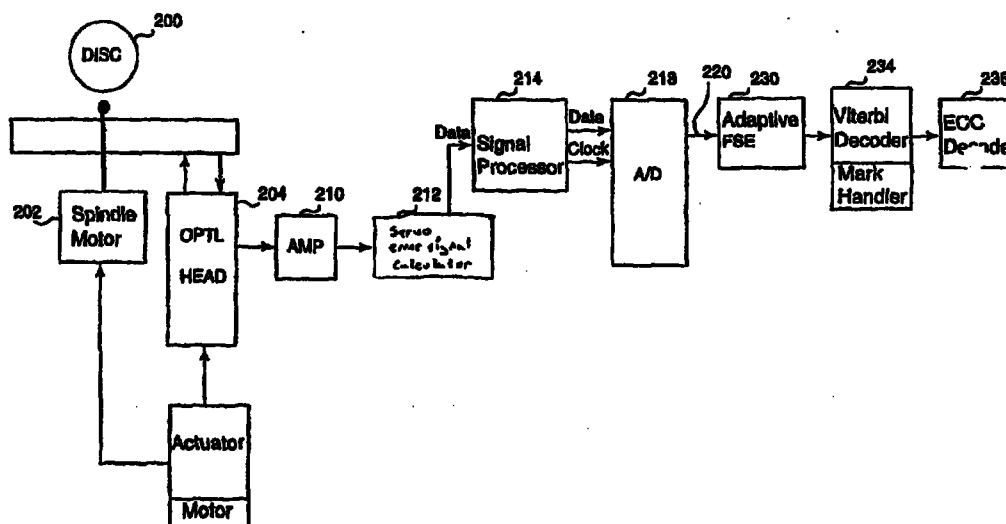




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(54) Title: METHOD AND APPARATUS FOR READING AND WRITING A MULTILEVEL SIGNAL FROM AN OPTICAL DISC



(57) Abstract

A system and method are disclosed for reading a multilevel signal from an optical disk (200). The method includes reading a raw analog data signal from a disk (200) using an optical head (204) and adjusting the amplitude of the raw analog data signal. A timing signal is recovered from the amplitude adjusted analog data signal by a signal processor (214). Correction is made for amplitude modulation of the raw analog data signal by processing the raw analog data signal and the timing signal.