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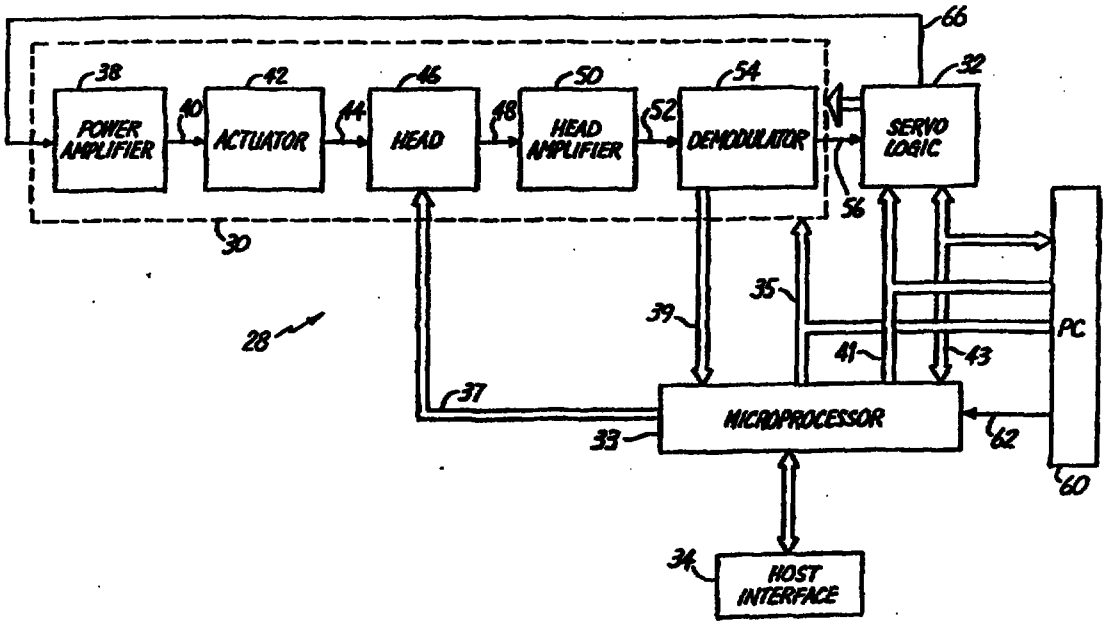
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(54) Title: METHOD AND APPARATUS USING FREQUENCY DOMAIN READ HEAD LINEARIZATION



(57) Abstract

A method for adjusting the frequency response of a servo loop (28) is provided that positions a servo head (46) at a nominal position over a medium and determines the frequency response (80) of the servo loop (46). A compensation gain (79) is determined at the nominal position such that when the compensation gain (79) is combined with the servo loop's frequency response (80), the compensation gain (79) causes the frequency response (80) to approach a desired frequency response. In addition, a servo loop and a disc drive with such compensation gain are provided.