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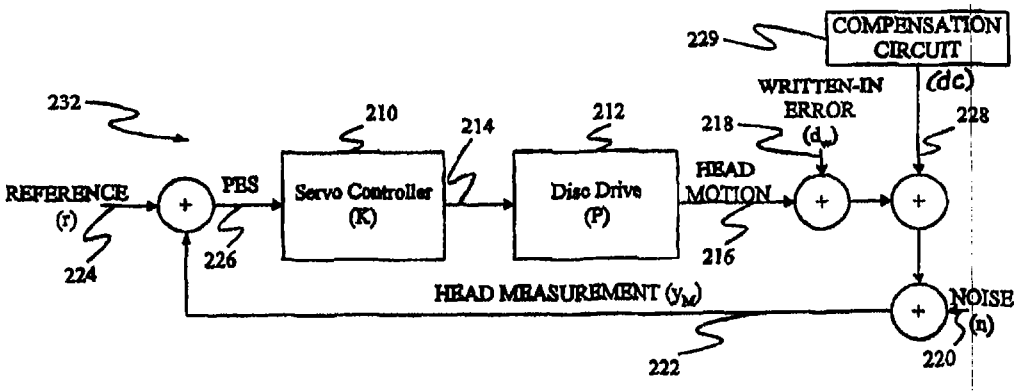
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(54) Title: COMPENSATION FOR REPEATABLE RUNOUT ERROR



(57) Abstract

A disc drive (100) having a servo loop for positioning a head over a disc includes a servo controller (210) which generates a servo control signal (214) in response to a received position error signal (226). An actuator (122), coupled to the servo controller (210), moves the head in response to the servo control signal (214). A sensor, located in the head, senses servo information located on the disc and produces a servo signal therefrom. The servo signal is combined with a reference signal (224) to produce the position error signal (226). A compensation storage device (256) stores decimated compensation values and a servo compensator (258) expands the decimated compensated values and injects the expanded compensation values (228) into the servo loop (232).

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